

AGREEMENT
BETWEEN THE COUNTY OF DUPAGE, ILLINOIS
and H.W. LOCHNER, INC.
for CONCEPT DEVELOPMENT ENGINEERING SERVICES AND PHASE I-UPDATE
31ST STREET MULTI-USE TRAIL - HIGHLAND AVENUE TO MEYERS ROAD
Section No. 11-00201-02-BT

This professional services agreement (hereinafter referred to as the AGREEMENT), made this _____ day of _____, 2024 between the County of DuPage, a body corporate and politic, with offices at 421 North County Farm Road, Wheaton, Illinois (hereinafter referred to as the COUNTY) and H.W. Lochner, Inc., licensed to do business in the State of Illinois, with offices at 225 W. Washington Street, Suite 1200, Chicago, IL 60606, (hereinafter referred to as the CONSULTANT). The COUNTY and the CONSULTANT are hereinafter sometimes individually referred to as a "party" or together as the "parties."

RECITALS

WHEREAS, the COUNTY by virtue of its power set forth in "Counties Code" (55 ILCS 5/5-1001 et seq.) and "Illinois Highway Code" (605 ILCS 5/5-101 et seq.) is authorized to enter into this AGREEMENT; and

WHEREAS, the COUNTY requires professional engineering services for concept development and a Phase I update for 31st Street Multi-Use Trail, (Highland Avenue to Meyers Road), Section: 11-00201-02-BT, (hereinafter referred to as PROJECT); and

WHEREAS, the CONSULTANT has experience and expertise in this area and is in the business of providing such professional engineering services and is willing to perform the required services for an amount not to exceed \$358,415.10; and

WHEREAS, the CONSULTANT acknowledges that it is pre-qualified with the Illinois Department of Transportation (IDOT) to perform the services covered by this AGREEMENT and is in good standing and has not been barred from performing professional services; and

WHEREAS, the COUNTY has adopted a Stormwater Ordinance. The CONSULTANT acknowledges the necessary oversight to ensure compliance with the Stormwater Ordinance in the event the PROJECT necessitates this scope of work.

NOW, THEREFORE, in consideration of the premises, the mutual covenants, terms, and conditions herein set forth, and the understandings of each party to the other, the parties do hereby mutually covenant, promise, and agree as follows:

1.0 INCORPORATION AND CONSTRUCTION

- 1.1 All recitals set forth above are incorporated herein and made part thereof, the same constituting the factual basis for this AGREEMENT.
- 1.2 The headings of the paragraphs and subparagraphs of this AGREEMENT are inserted for convenience of reference only and shall not be deemed to constitute part of this AGREEMENT or to affect the construction hereof.
- 1.3 The exhibits referenced in this AGREEMENT shall be deemed incorporated herein and made a part hereof.

2.0 SCOPE OF SERVICES

- 2.1 Services are to be provided by the CONSULTANT according to the Scope of Work, specified as Exhibit A, attached hereto. The CONSULTANT shall complete all the services set forth in said exhibit for the compensation set forth in Section 7.0, below, unless otherwise modified as provided herein. The CONSULTANT agrees to obtain all necessary permits when required to do so.
- 2.2 The CONSULTANT shall prepare and distribute meeting minutes within seven (7) days following meetings between the COUNTY or other groups and the CONSULTANT concerning the PROJECT.
- 2.3 The COUNTY may, from time to time, request changes in the Scope of Work in this AGREEMENT. Any such changes, including any increase or decrease in the CONSULTANT'S compensation and Scope of Work, shall be documented by an amendment to this AGREEMENT in accordance with Section 14.0 of this AGREEMENT, except as allowed in Paragraph 15.3, below.
- 2.4 The relationship of the CONSULTANT to the COUNTY is that of independent contractor, and nothing in this AGREEMENT is intended nor shall be construed to create an agency, employment, joint venture relationship, or any other relationship allowing the COUNTY to exercise control or direction over the manner or method by which the CONSULTANT or its sub-contractors/sub-consultants provide services hereunder. Neither the CONSULTANT nor the CONSULTANT'S employees shall be entitled to receive any COUNTY benefits. The CONSULTANT shall be solely responsible for the payment of all taxes and withholdings required by law which may become due with regard to any compensation paid by the COUNTY to the CONSULTANT.

- 2.5 Services deemed to be a professional service under this AGREEMENT shall be performed and/or supervised by individuals licensed to practice by the State of Illinois in the applicable professional discipline.
- 2.6 Neither the CONSULTANT, nor the CONSULTANT'S employees, shall be retained as expert witnesses by the COUNTY except as by separate agreement.

3.0 NOTICE TO PROCEED

- 3.1 Authorization to proceed shall be given on behalf of the COUNTY by the Director of Transportation (hereinafter referred to as the "Director"), in the form of a written Notice to Proceed following execution of the AGREEMENT by the County Board Chair.

Authorization to proceed with various tasks, described in Exhibit A, will be given to the CONSULTANT by representatives of the Division of Transportation.

- 3.2 In addition to the Notice to Proceed, the Director, or his/her designee, may, on behalf of the COUNTY, approve, deny, receive, accept or reject any submission, notices or invoices from or by the CONSULTANT, as provided for in this AGREEMENT, including but limited to, acts performed in accordance with Paragraphs 3.3, 4.1, 5.2, 6.1, 7.3, 7.4, 8.2, 8.3, 15.3 and 21.2, as well as any requirements contained in Exhibits A and C attached hereto.
- 3.3 The CONSULTANT shall not perform additional work related to a submittal until the COUNTY has completed its review of the submittal, unless otherwise directed in writing by the Director or his designee. The CONSULTANT may continue to work on items unrelated to the submittal under review by the COUNTY.

4.0 TECHNICAL SUBCONSULTANTS

- 4.1 The prior written approval of the COUNTY shall be required before the CONSULTANT hires any sub-consultant(s) to complete COUNTY-ordered technical or professional tasks or services under the terms of this AGREEMENT. COUNTY approval of sub-consultant(s) includes approval of any new and/or modified employee rates (Exhibit C) and/or fee schedules if permitted in Paragraph 7.3.

- 4.2 The CONSULTANT shall supervise any sub-consultant(s) hired by the CONSULTANT and the CONSULTANT shall be solely responsible for any and all work performed by said sub-consultant, or sub-consultants, in the same manner and with the same liability as if performed by the CONSULTANT.
- 4.3 The CONSULTANT shall require any sub-consultant hired for the performance of any work or activity in connection to this AGREEMENT to agree and covenant that the sub-consultant also meets the terms of Sections 8.0 and 13.0 and Paragraph 26.4 of this AGREEMENT and shall fully comply therewith while engaged by the CONSULTANT in services for the COUNTY on the PROJECT.

5.0 TIME FOR PERFORMANCE

- 5.1 The CONSULTANT shall commence work to meet the requirements for professional services on the PROJECT after the COUNTY issues its written Notice to Proceed. The COUNTY is not liable and will not pay the CONSULTANT for any work performed before the date of the Notice to Proceed.
- 5.2 Unless otherwise defined in Exhibit A, the CONSULTANT shall submit a schedule for completion of the PROJECT within ten (10) days of the written Notice to Proceed. The schedule is subject to approval by the COUNTY. All of the services required hereunder shall be completed by October 31, 2026 unless the term of this AGREEMENT is extended in conformity with Article 14 below.
- 5.3 If the CONSULTANT is delayed at any time in the progress of the PROJECT by any act or neglect of the COUNTY or by any employee of the COUNTY or by changes ordered by the COUNTY, or any other causes beyond the CONSULTANT'S control, the sole remedy and allowance shall be an extension of time for completion. Such extension shall be that which is determined reasonable by the COUNTY upon consultation with the CONSULTANT. The CONSULTANT shall accept and bear all other costs, expenses and liabilities that may result from such delay.

6.0 DELIVERABLES

- 6.1. The CONSULTANT shall provide the COUNTY on or before the expiration of this AGREEMENT, or promptly after notice of termination or when the Director directs, the deliverables specified in Exhibit A or as otherwise agreed to by the COUNTY and the CONSULTANT.

7.0 COMPENSATION

- 7.1. The COUNTY shall pay the CONSULTANT for services rendered and shall only pay in accordance with the provisions of this AGREEMENT. The COUNTY shall not be obligated to pay for any services not in compliance with this AGREEMENT.
- 7.2. Total payments to the CONSULTANT under the terms of this AGREEMENT shall not under any circumstances exceed \$358,415.10. This amount is a "not to exceed" amount. In the event the COUNTY directs the CONSULTANT to perform services which would cause the stated amount to be exceeded, the CONSULTANT shall not be responsible for such services until this AGREEMENT is modified pursuant to Article 14.0.
- 7.3 For services performed, the COUNTY will pay the CONSULTANT at a 2.8 direct labor multiplier applied to the actual hourly rates of staff and/or the fee schedule(s) as incorporated herein. The multiplier shall include the cost of overhead and profit. A chart listing the hourly rate ranges for the CONSULTANT'S staff and approved sub-consultant's staff, identified by classification, is attached and incorporated hereto as Exhibit C. The CONSULTANT may request adjustments to the hourly rate ranges and additions or deletions to the position classifications to/from Exhibit C which will be subject to approval by the COUNTY provided the adjustment(s) do not exceed the total compensation as stated herein and subject to the terms in 7.3(b) below. The COUNTY retains the authority to limit the maximum rate per classification on Exhibit C. It is the sole responsibility of the CONSULTANT to provide the COUNTY with a current Exhibit C (including Exhibit C for approved sub-consultant(s)) when invoices are submitted for the PROJECT.
- 7.3.a If this AGREEMENT or a modification thereto authorizes the CONSULTANT to alter its fees, such fee changes shall be subject to the following unless otherwise provided in the AGREEMENT: (i) The CONSULTANT may only change the fees stated in Exhibit C once per calendar year; (ii) fees may not be changed prior to one hundred twenty (120) days from the date of execution of this AGREEMENT or from the date of any previous fee change; and (iii) the CONSULTANT shall provide the COUNTY with forty-five (45) days' notice of any proposed fee change. The CONSULTANT shall not invoice the COUNTY at an increased fee without compliance to the notice requirements listed above.

- 7.4 Direct costs are expenses for supplies and materials to be paid for by the COUNTY for completion of all services that is the subject of this AGREEMENT as referenced on the attached Direct Costs Check Sheet made a part hereof and incorporated herein by reference. The COUNTY shall pay direct costs referenced on the Direct Costs Check Sheet without any markups added and the CONSULTANT shall include copies of receipts for all direct expenses more than \$25 from suppliers for expendable materials with its invoice to the COUNTY.
- 7.5 If the scope of work for this AGREEMENT includes the use of job classifications covered by the prevailing rate of wages, the prevailing rate must be reflected in the cost estimate for this AGREEMENT. The rates have been ascertained and certified by the Illinois Department of Labor for the locality in which work is to be performed. If the Illinois Department of Labor revises the prevailing rates of wages to be paid, as listed in the specification of rates, the CONSULTANT may not pay less than the revised rates of wages. Current wage rate information shall be obtained by calling 312-793-2814 or visiting the website of the Illinois Department of Labor at <http://www.state.il.us/agency/idol/>. It is the responsibility of the CONSULTANT to review the rates applicable to the work in this AGREEMENT, at regular intervals, in order to ensure the timely payment of current rates. Provision of this information to the CONSULTANT, by means of the Illinois Department of Labor web site, satisfies the notification of revisions by the COUNTY to the CONSULTANT pursuant to the Act, and the CONSULTANT agrees that no additional notice is required. The CONSULTANT shall notify each of its sub-consultants of the revised rates of wages.
- 7.6 The CONSULTANT shall submit invoices for services rendered, including any allowable expenses, to the COUNTY. All invoices shall include a remittance address. The COUNTY shall not be required to pay the CONSULTANT more often than monthly. Each invoice shall be submitted in a format agreed to in advance by the COUNTY. Each invoice shall also include a progress report that describes work completed for the invoice period, anticipated work for the next invoice period, outstanding issues or items that require a response, whether the work is progressing according to the approved schedule, and a discussion of the budget status. The CONSULTANT shall be required to submit a monthly progress report to the COUNTY even if a monthly invoice is not submitted to the COUNTY. The CONSULTANT shall provide the COUNTY with a valid taxpayer identification number prior to making any request for compensation. Payment will not be made for services completed or expenses incurred more than six-months (180 days) prior to

submission of any invoice and any statute of limitations to the contrary is hereby waived. When requested by the COUNTY, the CONSULTANT shall submit certified time sheets as additional documentation for the invoiced services.

- 7.7 Upon approval of properly documented invoices, the COUNTY shall reimburse the CONSULTANT the amount invoiced for services completed in accordance with this AGREEMENT, provided that the amount invoiced together with the amounts of previous partial payments do not exceed the total compensation specified in this AGREEMENT. The COUNTY may not deny a properly documented claim for compensation, in whole or in part, without cause. The COUNTY shall pay all invoices pursuant to 50 ILCS 505, "Local Government Prompt Payment Act."
- 7.8 In the event of any overcharge by the CONSULTANT, the CONSULTANT shall refund the COUNTY within thirty (30) days of discovery of said overcharge by the CONSULTANT or notice to the CONSULTANT by the COUNTY. The COUNTY reserves the right to offset any overcharges against any amounts due and owing the CONSULTANT under this or any other AGREEMENT between the parties. The COUNTY shall be entitled to the statutory interest rate for judgments under Illinois law for any overcharges not timely refunded (or credited) in accord with this provision, which interest shall be in addition to any other remedies the COUNTY may have under the law or this AGREEMENT.
- 7.9 Upon acceptance of all deliverables specified in Exhibit A of this AGREEMENT, final payment shall be made to the CONSULTANT, including any retainage.

8.0 CONSULTANT'S INSURANCE

- 8.1 The CONSULTANT shall maintain, at its sole expense, insurance coverage including:
- 8.1.a **Worker's Compensation Insurance** in the statutory amounts.
- 8.1.b **Employer's Liability Insurance** in an amount not less than one million dollars (\$1,000,000.00) each accident/injury and one million dollars (\$1,000,000.00) each employee/disease.
- 8.1.c **Commercial (Comprehensive) General Liability Insurance**, (including contractual liability) with a limit of not less than three million dollars

(\$3,000,000.00) aggregate; including limits of not less than two million dollars (\$2,000,000.00) per occurrence, and one million dollars (\$1,000,000.00) excess liability. **An Endorsement must also be provided naming the County of DuPage c/o the Director of Transportation, DuPage County Division of Transportation, its' Officers, Elected Officials, and employees, 421 N. County Farm Rd., Wheaton, IL 60187, as an additional insured. This additional insured endorsement is to be on a primary and non-contributory basis and includes a waiver of subrogation endorsement.**

8.1.d **Commercial (Comprehensive) Automobile Liability Insurance** with minimum limits of at least one million dollars (\$1,000,000.00) for any one person and one million dollars (\$1,000,000.00) for any one occurrence of death, bodily injury or property damage in the aggregate annually. **An Endorsement must also be provided naming the County of DuPage c/o the Director of Transportation, DuPage County Division of Transportation, its' Officers, Elected Officials and employees, 421 N. County Farm Rd., Wheaton, IL 60187, as an additional insured. This additional insured endorsement is to be on a primary and non-contributory basis and includes a waiver of subrogation endorsement.**

8.1.e **Professional Liability Insurance (Errors and Omissions)** shall be provided with minimum limits of at least one million dollars (\$1,000,000.00) per incident/two million dollars (\$2,000,000.00) aggregate during the term of this AGREEMENT and shall be maintained in the form of an additional endorsement for a period of four(4) years after the date of the final payment for this AGREEMENT. The CONSULTANT shall provide the COUNTY endorsements at the beginning of each year evidencing same or a new carrier policy that has a retroactive date prior to the date of this AGREEMENT.

8.2 It shall be the duty of the CONSULTANT to provide to the COUNTY copies of the CONSULTANT'S Certificates of Insurance, as well as all applicable coverage and cancellation endorsements before issuance of a Notice to Proceed. It is the further duty of the CONSULTANT to immediately notify the COUNTY if any insurance required under this AGREEMENT has been cancelled, materially changed, or renewal has been refused, and the CONSULTANT shall immediately suspend all work in progress and take the necessary steps to purchase,

maintain and provide the required insurance coverage. If a suspension of work should occur due to insurance requirements, upon verification by the COUNTY of the CONSULTANT curing any breach of its required insurance coverage, the COUNTY shall notify the CONSULTANT that the CONSULTANT can resume work under this AGREEMENT. The CONSULTANT shall accept and bear all costs that may result from the cancellation of this AGREEMENT due to CONSULTANT'S failure to provide and maintain the required insurance.

- 8.3 The coverage limits required under subparagraphs 8.1.c and 8.1.d above may be satisfied through a combination of primary and excess coverage. The insurance required to be purchased and maintained by the CONSULTANT shall be provided by an insurance company acceptable to the COUNTY, and except for the insurance required in subparagraph 8.1.e licensed to do business in the State of Illinois; and shall include at least the specific coverage and be written for not less than the limits of the liability specified herein or required by law or regulation whichever is greater; and shall be so endorsed that the coverage afforded will not be canceled or materially changed until at least sixty (60) days prior written notice has been given to the COUNTY except for cancellation due to non-payment of premium for which at least fifteen (15) days prior written notice (five days allowed for mailing time) has been given to the COUNTY. If the CONSULTANT is satisfying insurance required through a combination of primary and excess coverage, the CONSULTANT shall require that said excess/umbrella liability policy include in the "Who is Insured" pages of the excess/umbrella policy wording such as "Any other person or organization you have agreed in a written contract to provide additional insurance" or wording to that effect. The CONSULTANT shall provide a copy of said section of the excess/umbrella liability policy upon request by the COUNTY.
- 8.4 The CONSULTANT shall require all approved sub-consultants, anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable under this AGREEMENT to maintain the same insurance required of the CONSULTANT, including naming the COUNTY as an additional insured in the same coverage types and amounts as the CONSULTANT, per Section 8.0. The COUNTY retains the right to obtain evidence of sub-consultants' insurance coverage at any time.

9.0 INDEMNIFICATION

- 9.1 The CONSULTANT shall, to the extent permitted by law indemnify, hold harmless and defend the COUNTY, its officials, officers, agents, and employees from and against all liability, claims, suits, demands, proceedings and actions, including costs, fees and expense of defense, arising from, growing out of, or related to, any loss, damage, injury, death, or loss or damage to property resulting from, or connected with, the CONSULTANT'S negligent or willful acts, errors or omissions in its performance under this AGREEMENT.
- 9.2 Nothing contained herein shall be construed as prohibiting the COUNTY, its officials, directors, officers and employees from defending through the selection and use of their own agents, attorneys and experts, any claims, suits, demands, proceedings and actions brought against them. Pursuant to Illinois law, any attorney representing the COUNTY, under this paragraph or paragraph 9.1, who is not already an Assistant State's Attorney, is to be appointed a Special Assistant State's Attorney, in accordance with the applicable law. The COUNTY'S participation in its defense shall not remove the CONSULTANT'S duty to indemnify, defend, and hold the COUNTY harmless, as set forth above.
- 9.3 Any indemnity as provided in this AGREEMENT shall not be limited by reason of the enumeration of any insurance coverage herein provided. The CONSULTANT'S indemnification of the COUNTY shall survive the termination, or expiration, of this AGREEMENT.
- 9.4 The COUNTY does not waive, by these indemnity requirements, any defenses, or protections under the Local Governmental and Governmental Employees Tort Immunity Act (745 ILCS 10/1 et seq.) or otherwise available to it, or to the CONSULTANT, under the law.

10.0 SATISFACTORY PERFORMANCE

- 10.1 The COUNTY is entering into an AGREEMENT with this CONSULTANT because the CONSULTANT professes to the COUNTY that it will employ the standard of care within its profession in the performance of the services herein contracted. Accordingly, the CONSULTANT'S and sub-consultant(s) standard of performance under the terms of this AGREEMENT shall be that which is to the satisfaction of the COUNTY and meets the quality and standards commonly provided by similar professional engineering firms practicing in the COUNTY and the State of Illinois.

- 10.2 In the event there are no similar professional firms practicing in DuPage County, Illinois, with respect to the type of work for which this CONSULTANT has been engaged, the CONSULTANT'S services shall be performed in a manner consistent with the customary skill and care of its profession.
- 10.3 If any errors, omissions, or acts, intentional or negligent, are made by the CONSULTANT, or its' sub-consultant(s), in any phase of the work, the correction of which requires additional field or office work, the CONSULTANT shall be required to perform such additional work as may be necessary to remedy same without undue delay and without charge to the COUNTY. In the event any errors or omissions are detected after the expiration or termination of the AGREEMENT, the CONSULTANT may at the COUNTY'S option have the responsibility to cure same under this provision.
- 10.4 Acceptance of the work shall not relieve the CONSULTANT of the responsibility for the quality of its work, nor its liability for loss or damage resulting from any errors, omissions, or negligent or willful acts by the CONSULTANT or its sub-consultants.

11.0 BREACH OF CONTRACT

- 11.1 In the event of any breach of this AGREEMENT, the non-breaching party shall give notice to the breaching party stating with particularity the nature of the alleged breach, and the breaching party shall be allowed a reasonable opportunity to cure said breach. Either party's failure to timely cure any breach of this AGREEMENT shall relieve the other party of the requirement to give thirty (30) days' notice for termination of this AGREEMENT in accordance with Paragraph 16.1, below, and in such a case, ten (10) days' written notice to the breaching party is sufficient notice. Notwithstanding the above term, the CONSULTANT'S failure to maintain insurance in accordance with Section 8.0, above, or in the event of any of the contingencies described in Paragraph 16.1 below, shall be grounds for the COUNTY'S immediate termination of this AGREEMENT. Any breach of any covenant or term of this AGREEMENT by one or more of the CONSULTANT'S sub-consultants shall be deemed a breach by CONSULTANT subject to the terms of this AGREEMENT.

12.0 OWNERSHIP OF DOCUMENTS

- 12.1 The CONSULTANT agrees that any and all deliverables prepared for the COUNTY under the terms of this AGREEMENT shall be properly arranged, indexed and delivered to the COUNTY as provided in paragraph 6.1. An electronic copy of all applicable deliverables, in a format designated by the COUNTY'S representative, shall be provided to the COUNTY.
- 12.2 The documents and materials made or maintained under this AGREEMENT shall be and will remain the property of the COUNTY which shall have the right to use same without restriction or limitation and without compensation to the CONSULTANT other than as provided in this AGREEMENT. The CONSULTANT waives any copyright interest in said deliverables.
- 12.3 The COUNTY acknowledges that the use of information that becomes the property of the COUNTY pursuant to Paragraph 12.2, for purposes other than those contemplated in this AGREEMENT, shall be at the COUNTY'S sole risk.
- 12.4 The CONSULTANT may, at its sole expense, reproduce and maintain copies of deliverables provided to the COUNTY.

13.0 COMPLIANCE WITH THE LAW AND OTHER AUTHORITIES

- 13.1 The CONSULTANT, and sub-consultant(s), shall comply with Federal, State and Local statutes, ordinances and regulations and obtain permits, licenses, or other mandated approvals, whenever applicable.
- 13.2 The CONSULTANT, and sub-consultant(s), shall not discriminate against any worker, job applicant, employee or any member of the public, because of race, creed, color, sex, age, handicap, or national origin, or otherwise commit an unfair employment practice. The CONSULTANT, and sub-consultant(s), shall comply with the provisions of the Illinois Human Rights Act, as amended, 775 ILCS 5/-101, *et seq.*, and with all rules and regulations established by the Department of Human Rights.
- 13.3 The CONSULTANT, by its signature on this AGREEMENT, certifies that it has not been barred from being awarded a contract or subcontract under the Illinois Procurement Code, 30 ILCS 500/1-1, *et seq.*; and further certifies that it has not been barred from contracting with a unit of State or local government as a result of a violation of Section 33E-3 or 33E-4 of the Illinois Criminal Code (Illinois Compiled Statutes, Chapter 720, paragraph 5/33E-3).

- 13.4 The CONSULTANT, by its signature on this AGREEMENT, certifies that no payment, gratuity or offer of employment, except as permitted by the Illinois State Gift Ban Act and the County of DuPage Ethics Ordinance, was made by or to the CONSULTANT, or CONSULTANT'S personnel, in relation to this AGREEMENT. The CONSULTANT has also executed the attached Ethics Disclosure Statement that is made a part hereof and agrees to update contribution information on an ongoing basis during the life of the AGREEMENT as required by said Ordinance.
- 13.5 The CONSULTANT covenants that it has no conflicting public or private interest and shall not acquire directly or indirectly any such interest which would conflict in any manner with the performance of the CONSULTANT'S services under this AGREEMENT.
- 13.6 **In accordance with the Vendor Information Reporting Act (35 ILCS 200/18-50.2), the COUNTY is required to collect and electronically publish data from all consultants and subconsultants as to: (1) whether they are a minority-owned, women-owned or veteran-owned business as defined by the Business Enterprise for Minorities, Women and Persons with Disabilities Act (30 ILCS 575/.01 et seq.); and (2) whether the consultant or any subconsultants are self-certifying or whether they hold certifications for those above-referenced categories. If self-certifying, the consultants and subconsultants shall disclose whether they qualify as a small business under federal Small Business Administration standards. In compliance with the Vendor Information Reporting Act, within 60 calendar days of the COUNTY'S award of the contract for work covered under this AGREEMENT, the awarded consultant, and each subconsultant, must complete the Awarded Vendor Questionnaire (found at <https://mwv.dupageco.org/>).**
- 13.7 The CONSULTANT acknowledges knowledge of the COUNTY'S Procurement Ordinance, which is hereby incorporated in this AGREEMENT, and has had an opportunity to review it. The CONSULTANT agrees to submit changes for Scope of Work or compensation in accordance with said Ordinance.

14.0 MODIFICATION OR AMENDMENT

- 14.1 The parties may modify or amend terms of this AGREEMENT only by a written document duly approved and executed by both parties.
- 14.2 The CONSULTANT agrees to submit changes for Scope of Work or compensation on a COUNTY designated form.

15.0 TERM OF THIS AGREEMENT

15.1 The term of this AGREEMENT shall begin on the date the AGREEMENT is fully executed, and shall continue in full force and effect until the earlier of the following occurs:

- (a) The termination of this AGREEMENT in accordance with the terms of Section 16.0, or
- (b) The expiration of this AGREEMENT on October 31, 2026, or to a new date agreed upon by the parties, or
- (c) The completion by the CONSULTANT and the COUNTY of their respective obligations under this AGREEMENT, in the event such completion occurs before October 31, 2026.

15.2 The CONSULTANT shall not perform any work under this AGREEMENT after the expiration date set forth in Paragraph 15.1(b), above, or after the early termination of this AGREEMENT. The COUNTY is not liable and will not reimburse the CONSULTANT for any work performed after the expiration or termination date of the AGREEMENT. However, nothing herein shall be construed so as to relieve the COUNTY of its obligation to pay the CONSULTANT for work satisfactorily performed prior to expiration or termination of the AGREEMENT and delivered in accordance with Paragraph 6.1, above.

15.3 The term for performing this AGREEMENT may be amended by a Change Order, or other COUNTY designated form, signed by both parties without formal amendment pursuant to paragraph 14.1 above.

16.0 TERMINATION

16.1 Except as otherwise set forth in this AGREEMENT, either party shall have the right to terminate this AGREEMENT for any cause or without cause thirty (30) days after having served written notice upon the other party, except in the event of CONSULTANT'S failure to maintain suitable insurance at the requisite coverage amounts, insolvency, bankruptcy or receivership, or if the CONSULTANT is barred from contracting with any unit of government or is subsequently convicted or charged with a violation of any of the statutes or ordinances identified in Section 13.0, above, in which case termination shall be effective immediately upon receipt of notice from COUNTY at COUNTY'S election.

- 16.2 Upon such termination, the liabilities of the parties to this AGREEMENT shall cease, but they shall not be relieved of the duty to fulfil their obligations up to the date of termination, or to pay for services rendered prior to termination. There shall be no termination expenses.
- 16.3 Upon termination of the AGREEMENT, all data, work products, reports and documents produced because of this AGREEMENT shall become the property of the COUNTY. Further, the CONSULTANT shall provide all deliverables within fourteen (14) days of termination of this AGREEMENT in accordance with the other provisions of this AGREEMENT.

17.0 ENTIRE AGREEMENT

- 17.1 This AGREEMENT, including matters incorporated herein, contains the entire agreement between the parties.
- 17.2 There are no other covenants, warranties, representations, promises, conditions or understandings; either oral or written, other than those contained herein.
- 17.3 This AGREEMENT may be executed in one or more counterparts, each of which shall for all purposes be deemed to be an original and all of which shall constitute the same instrument.
- 17.4 In event of a conflict between the terms or conditions of this AGREEMENT and any term or condition found in any exhibit or attachment, the terms and conditions of this AGREEMENT shall prevail.

18.0 ASSIGNMENT

- 18.1 Either party may assign this AGREEMENT provided, however, the other party shall first approve such assignment, in writing.

19.0 SEVERABILITY

- 19.1 In the event any provision of this AGREEMENT is held to be unenforceable or invalid for any reason, the enforceability thereof shall not affect the remainder of the AGREEMENT. The remainder of this AGREEMENT shall be construed as if not containing the particular provision and shall continue in full force, effect, and enforceability, in accordance with its terms.

19.2 In the event of the contingency described in Paragraph 19.1, above, the parties shall make a good faith effort to amend this AGREEMENT pursuant to Paragraph 14.1, above, in order to remedy and, or, replace any provision declared unenforceable or invalid.

20.0 GOVERNING LAW

20.1 The laws of the State of Illinois shall govern this AGREEMENT as to both interpretation and performance.

20.2 The venue for resolving any disputes concerning the parties' respective performance under this AGREEMENT shall be the Judicial Circuit Court for DuPage County.

21.0 NOTICES

21.1 Any required notice shall be sent to the following addresses and parties:

H.W. Lochner, Inc.

225 W. Washington Street, Suite 1200
Chicago, IL 60606
ATTN: Michael Zorn
Vice President/Project Manager
PHONE: 312-994-9762
EMAIL: mzorn@hwlochner.com

DuPage County Division of Transportation

421 N. County Farm Road
Wheaton, IL 60187
ATTN: William C. Eidson, P.E.
County Engineer / Acting Director
PHONE: 630.407.6900
EMAIL: william.eidson@dupagecounty.gov

21.2 All notices required to be given under the terms of this AGREEMENT shall be in writing and either (a) served personally during regular business hours; (8:00a.m.-4:30p.m. CST or CDT Monday-Friday); (b) served by facsimile transmission during regular business hours (8:00a.m.-4:30p.m.CST or CDT Monday-Friday); (c) served by certified or registered mail, return receipt requested, properly addressed with postage prepaid; or (d) served by email transmission during regular business hours (8:00 a.m. - 4:30 p.m. CST or CDT Monday-Friday), return

receipt requested. Notices served personally, by facsimile or email transmission shall be effective upon receipt, and notices served by mail shall be effective upon receipt as verified by the United States Postal Service. Each party may designate a new location for service of notices by serving notice thereof in accordance with the requirements of this Paragraph, and without compliance to the amendment procedures set forth in Paragraph 14.1, above.

22.0 WAIVER OF/FAILURE TO ENFORCE BREACH

22.1 The parties agree that the waiver of, or failure to enforce, any breach of this AGREEMENT shall not be construed, or otherwise operate, as a waiver of any future breach of this AGREEMENT and shall not prevent the remaining party from enforcing this AGREEMENT with respect to a different breach.

23.0 FORCE MAJEURE

23.1 Neither party shall be liable for any delay or non-performance of their obligations caused by any contingency beyond their control including but not limited to Acts of God, war, civil unrest, strikes, walkouts, fires, or natural disasters.

24.0 ACCESS TO PROPERTY

24.1 The CONSULTANT shall make a reasonable effort to obtain access to property of a third party necessary for the performance of its obligations under this AGREEMENT. If the CONSULTANT is unable to obtain access to the property, the COUNTY shall be responsible for securing access for the CONSULTANT. In the event the COUNTY cannot secure access for the CONSULTANT, the COUNTY shall excuse the CONSULTANT from the performance of any work that necessitated such access. The CONSULTANT shall have no claim to compensation for any work excused under this provision. The COUNTY shall provide the CONSULTANT, upon the CONSULTANT'S request, with proof of the COUNTY'S permission, or legal authority, to enter onto the property of a third party.

24.2 In the event of the following: a) it is necessary for the CONSULTANT to access the property of a third party in order for the CONSULTANT to perform its obligations under this AGREEMENT, and b) the COUNTY has obtained an easement, license or other grant of authority allowing the CONSULTANT to access such property; the CONSULTANT shall fully abide by and comply the terms and conditions of said authorizing instrument as though the CONSULTANT were a signatory thereto.

25.0 DISPOSAL OF SAMPLES AND HAZARDOUS SUBSTANCES

25.1 All non-hazardous samples and by-products from sampling processes performed in connection with the services provided under this AGREEMENT shall be disposed of by the CONSULTANT in accordance with applicable law. Any and all materials, including wastes that cannot be introduced back into the environment under existing law without additional treatment shall be deemed hazardous wastes, radioactive wastes, or hazardous substances ("Hazardous Substances") related to the services and the CONSULTANT shall notify the COUNTY if any hazardous substances are found on the project site. The CONSULTANT shall not arrange or otherwise dispose of Hazardous Substances under this AGREEMENT. The CONSULTANT shall not make any determination relating to the selection of a treatment, storage or disposal facility nor subcontract such activities through transporters or others.

26.0 QUALIFICATIONS

- 26.1 The CONSULTANT shall employ only persons duly licensed or registered in the appropriate category in responsible charge of all elements of the work covered under this AGREEMENT, for which Illinois Statutes require license or registration, and further shall employ only well qualified persons in responsible charge of any elements of the work covered under this AGREEMENT, all subject to COUNTY approval.
- 26.2 The CONSULTANT'S key personnel specified in the AGREEMENT Michael Zorn, Vice President & Project Manager, shall be considered essential to the work covered under this AGREEMENT. If for any reason, substitution of a key person becomes necessary, the CONSULTANT shall provide advance written notification of the substitution to the COUNTY. Such written notification (EXHIBIT D) shall include the proposed successor's name and resume of their qualifications. The COUNTY shall have the right to approve or reject the proposed successor.
- 26.3 Failure by the CONSULTANT to properly staff the PROJECT with qualified personnel shall be sufficient cause for the COUNTY to deny payment for services performed by unqualified personnel and will serve as a basis for cancellation of this AGREEMENT.

26.4 The CONSULTANT shall require any sub-consultant(s) utilized for the PROJECT to employ qualified persons to be the same extent such qualifications are required of the CONSULTANT'S personnel. The COUNTY shall have the same rights under Paragraph 26.3 above, with respect to the CONSULTANT'S sub-consultant(s) being properly staffed while engaged in the PROJECT.

IN WITNESS OF, the parties set their hands and seals as of the date first written above.

COUNTY OF DUPAGE

H.W. LOCHNER, INC.

Deborah A. Conroy, Chair
DuPage County Board

Lance Peterman
Vice President

ATTEST BY:

ATTEST BY:

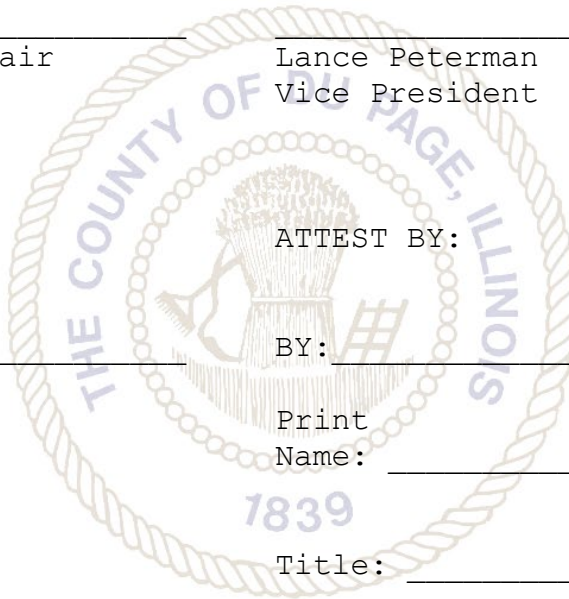
Jean Kaczmarek
County Clerk

BY: _____

Print

Name: _____

Title: _____



**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

SUMMARY OF CONCEPT STUDY AND PHASE I SERVICES

WORK ITEM	ESTIMATED HOURS
CONCEPT STUDY	
I. DATA COLLECTION	54
II. TRAFFIC ANALYSIS	74
III. PRELIMINARY ENVIRONMENTAL STUDIES	12
IV. CONCEPT DEVELOPMENT.....	288
V. PRELIMINARY PUBLIC AND AGENCY COORDINATION	154
PHASE I STUDY	
VI. PREFERRED ALTERNATIVE STUDIES	532
VII. FINAL ENVIRONMENTAL STUDIES.....	4
VIII. FINAL PUBLIC AND AGENCY COORDINATION	152
IX. DOCUMENT PREPARATION.....	120
X. PROJECT ADMINISTRATION.....	192
TOTAL HOURS.....	1,582

APPENDIX A – Gasperec Elberts, Surveying

APPENDIX B – Huff and Huff/GZA, Environmental Services

APPENDIX C – Geo Services, Geotechnical

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

WORK ITEM **ESTIMATED HOURS**

CONCEPT STUDY

I. DATA COLLECTION

- A. Existing Plans8
Lochner will collect available existing roadway plans, previous studies and supporting analyses from DuPage County, York Township, the Village of Downers Grove and the Village of Oak Brook.
- B. GIS Data4
Lochner will collect from DuPage County available shape files of information relevant to the project including but not limited to flood data, wetlands, hydric soils, topographic data, contours and right of way.
- C. Adjacent Improvements4
Lochner will obtain information from DuPage County, the Forest Preserve District of DuPage County, York Township, the Village of Downers Grove, and the Village of Oak Brook regarding all recent and planned adjacent improvements.
- D. Right-of-Way2
Existing right-of-way and easements will be determined by the Surveyor and will be checked for completeness. See Gasperec Elberts' proposal in Appendix A for details of the identification of existing right of way and easements.
- E. Photo Log4
Photographs will be taken of the project area. Photos will be indexed and organized for use in design studies.
- F. Existing Utilities2
Contact information for local utilities will be provided by JULIE to the Surveyor. Utility locations will be added to the CADD base drawings. See Gasperec Elberts' proposal in Appendix A for details.
- G. Drainage8
Lochner will obtain USGS, flood studies and related drainage reports for the project area and will coordinate with DuPage County, the Forest Preserve District of DuPage County, York Township, the Village of Downers Grove, and the Village of Oak Brook to obtain existing drainage information and to determine if there are any existing drainage problem areas or required improvements. One field check of the project area is also included.

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

H. <u>Field Reconnaissance</u>	16
It is estimated there will be one miscellaneous reconnaissance field trip required to collect/supplement various information for the project.	
I. <u>Traffic Data</u>	2
Average daily traffic data will be collected for area roadways from the DuPage County database. Lochner will coordinate with Gasperec Elberts for the acquisition of morning and evening peak hour volumes at the intersection of Highland Parkway and 31 st Street.	
J. <u>Crash Data</u>	2
DuPage County will provide access to the County’s crash reporting system.	
L. <u>Topographic Survey</u>	2
Lochner will assist a subconsultant in the completion of a topographic survey. See Gasperec Elberts’ proposal in Appendix A for details.	
Data Collection Subtotal	54
II. TRAFFIC ANALYSIS	
A. <u>Capacity Analysis (Pre – IDS)</u>	50
The effects on the capacity of the Highland Parkway intersection by eliminating dual-left turn lanes will be investigated as part of the alternatives analysis to provide additional room within the right of way for the proposed path.	
B. <u>Crash Analysis</u>	24
Utilizing the most recent crash information, Lochner will analyze crash frequency and severity for roadways in the project area with a focus on crashes involving pedestrians and bicyclists. DuPage County will provide access to the crash reporting system.	
Traffic Studies Subtotal	74
III. PRELIMINARY ENVIRONMENTAL STUDIES	
A. <u>Environmental Survey</u>	4
Lochner will assist a subconsultant in preparing the IDOT Environmental Survey Request Form to determine the potential for impacting sensitive biological or cultural resources. See Huff and Huff’s proposal in Appendix B for details.	
B. <u>Wetlands and Waters of the United States</u>	4
Lochner will assist a subconsultant in preparing the wetland investigation and include the limits of any identified wetlands on the appropriate drawings and exhibits. The on-site investigation will be performed in accordance with Federal methods for	

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

conducting wetland delineations. An on-site boundary verification will be coordinated with the appropriate review agencies. A wetland report will be prepared which will include delineation sheets. See Huff and Huff's proposal in Appendix B for details.

C. Special Waste4
Lochner will assist a sub-consultant in the preparation of a Preliminary Environmental Site Assessment (PESA) including historical research, site evaluation, a database search and the preparation of a report. See Huff and Huff's proposal in Appendix B for details.

Preliminary Environmental Studies Subtotal..... 12

IV. CONCEPT DEVELOPMENT

A. Design Criteria..... 16
Lochner will develop design criteria for the project using the IDOT BLRS 22120 form.

B. Multi-Use Path Preliminary Alternatives..... 100
Lochner will develop preliminary alignments and geometrics for up to four multi-use path alternatives based on survey data, existing ROW and easements, site constraints and design criteria. Profiles will not be developed at this stage of the study. Details for the four Alternatives will be developed to a level sufficient to support the determination of a Preferred Alternative.

C. Preliminary Structure Studies40
Preliminary structural studies will be performed for each of the four multi-use path alternatives to determine if any structures will be required, identify the most appropriate structure types, span lengths, abutment types and life-cycle costs. The use of retaining walls in fill areas will also be studied. The structure studies will include enough detail to identify costs, impacts, design concerns and fatal flaws.

D. Drainage Studies.....60
Lochner will perform a qualitative assessment of floodplain impacts and runoff requirements for the four preliminary alternatives. A tabular summary of the potential impacts will be prepared. A drainage exhibit will be prepared showing overall flow direction, potential culvert improvements, potential closed-system improvements, ditch flow directions, floodplain/floodway boundaries, and potential compensatory storage locations.

E. Right-of-Way and Easements.....8
Right-of-way and easement requirements will be estimated for the four preliminary alternatives. The locations and acreage required will be identified.

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

F. Quantity Take-Off and Cost Estimates.....24
Lochner will prepare an order-of-magnitude cost estimate for each of the four preliminary alternatives.

G. Technical Memo40
A technical memo will be prepared which will document the planning studies, site constraints, preliminary alternatives, estimated costs, right of way and easement needs, environmental impacts and a recommendation for the Preferred Alternative.

Concept Development Subtotal.....288

V. PRELIMINARY PUBLIC AND AGENCY COORDINATION

A. DuPage County DOT..... 10
Lochner will prepare for and attend a kick-off meeting with the DuPage County DOT to discuss the major project issues and schedule. Meeting documentation is also included. Assume two people attending.

B. IDOT Kick-off Meeting 16
Lochner will prepare for and attend a kick-off meeting with IDOT to introduce the project and discuss the major project issues and confirm that Phase I will be completed with a Phase I Reevaluation. Meeting documentation is also included. Assume two people attending.

C. Local Agency Coordination.....48
Lochner will prepare for and attend individual meetings with representatives from York Township, the Village of Downers Grove, the Forest Preserve District of DuPage County and the Village of Oak Brook to introduce the project, present the four alternatives being considered and discuss any concerns. Documentation of the meetings will be prepared.

D. Public Informational Meeting80
Lochner will prepare for and attend one open-house meeting with the public to introduce the project, discuss the major project issues and solicit comment on the preliminary study alternatives. Meeting documentation is also included. Assume two people attending.

Preliminary Public and Agency Involvement Subtotal..... 154

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

PHASE I STUDY

VI. PREFERRED ALTERNATIVE STUDIES

- A. Geometric Refinement.....98
Lochner will develop additional details for the Preferred Alternative including typical sections, a proposed profile for the multi-use path, signage and a corridor model.
- B. Cross Sections60
Cross sections along the Preferred Alternative will be plotted at a 100' interval and will include enough detail to establish construction limits and the need for right of way and easements.
- C. ADA Compliance8
Lochner will coordinate the ADA/PROWAG studies with Gasperec Elberts. ADA/PROWAG details will be incorporated into the corridor model and geometric studies. The Meyers Road intersection is not included in the study because it was recently reconstructed.
- D. Right-of-Way and Easements..... 16
Right-of-way and easement requirements will be determined for the Preferred Alternative based on the cross sections. The locations and acreage required will be identified. Plats and legal descriptions for the right-of-way and easements are not included in this project phase but will be completed in Phase II.
- E. Drainage Studies20
Drainage studies will be completed by Gasperec Elberts. Lochner will coordinate the drainage studies with the geometric studies and corridor model.
- F. Plan and Profile Drawings 120
Plan and Profile drawings for the Preferred Alternative will be prepared at a 1"=50' scale. The plan view will be shown over an aerial image.
- G. Intersection Design Study50
One Intersection Design Studies (IDS) is included in this scope of services for the Highland Parkway signalized intersection. It is assumed that since the intersection at Meyers Road was recently improved, no additional improvements are required at that location and an IDS is not required.
- H. Structural Studies 160
A Preliminary Bridge Design and Hydraulic Report (PBDHR) will be prepared and submitted to IDOT for one structure along the Preferred Alternative. Attachments to the PBDHR will include a "Type, Size and Location"-type drawing, a geotechnical report, soil borings, a preliminary railing design, plan and profile drawings, a

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

hydraulic report and streambed profiles. A retaining wall type study will be prepared for approximately 500 feet of retaining wall to determine the optimal wall type and limits.

Preferred Alternative Studies Subtotal.....532

VII. FINAL ENVIRONMENTAL STUDIES

A. Wetlands and Waters of the United States4
Lochner will assist a subconsultant in preparing the Wetland Impact Evaluation (WIE) forms for the Preferred Alternative for any wetlands that were identified within the project limits. See Huff and Huff’s proposal in Appendix B for details.

Environmental Studies Subtotal4

VIII. FINAL PUBLIC AND AGENCY COORDINATION

A. FHWA/IDOT Coordination Meetings.....32
Lochner will prepare for and attend two FHWA/IDOT Coordination Meetings. Meeting documentation is also included. Assume two people attending.

B. Local Agency Coordination.....40
Lochner will prepare for and attend individual meetings with representatives from the Forest Preserve District of DuPage County, York Township, the Village of Downers Grove and the Village of Oak Brook to present the Preferred Alternative and discuss any concerns. Documentation of the meetings will be prepared.

C. Public Informational Meeting80
Lochner will prepare for and attend one open-house meeting with the public to introduce the project, present the Preferred Alternative, discuss the major project issues and solicit comment. Meeting documentation is also included. Assume two people attending.

Final Public and Agency Involvement Subtotal..... 152

IX. DOCUMENT PREPARATION

A. Draft Phase I Reevaluation Report.....80
1. A preliminary reevaluation of the 2014 Project Development Report (PDR) will be prepared in accordance with IDOT guidelines and the template provided by DuPage County.

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

2. Report exhibits will be developed that will include a location map, typical sections, bridge cross-section, multi-use path plan and profile drawings.
3. A PDF of the Phase I reevaluation will be prepared and submitted to the DuPage County DOT and IDOT for review and comments.
4. The reevaluation report and supporting studies will be revised in response to DuPage County DOT and IDOT comments. A written disposition of the comments will be prepared.

B. Final Phase I Reevaluation Report40

1. A final Phase I Reevaluation Report will be prepared, incorporating revisions to the text and exhibits of the draft Phase I Reevaluation Report, as required.
2. A final PDF copy of the report will be produced and distributed following design approval and/or confirmation of the findings of the 2014 PDR.

Document Preparation Subtotal 120

X. PROJECT ADMINISTRATION

A. Internal Administration Activities72

Administration and coordination of project design team, including internal analysis meetings, status meetings, staffing, budgets, schedule controls, progress reports, billings and contract administration. Estimate: 4 hours per month for 18 months.

B. Quality Control / Quality Assurance80

Lochner will perform quality control and quality assurance reviews according to the Quality Plan established for the project.

C. Coordination Meetings.....40

Lochner will prepare for and attend two meetings with the DuPage County Division of Transportation to discuss the project and present findings of various studies. Documentation of the meetings will be prepared. Assume two people attending.

Project Administration Subtotal 192

**31st Street Multi-Use Path
Highland Avenue to Meyers Road
DuPage County Division of Transportation
Concept Study and Phase I Services
Work Items**

XI. EXCLUSIONS

The following items are not included in the scope of services:

- A. Study of a grade-separated pedestrian structure over 31st Street
- B. Structural analysis of any retaining walls
- C. Additional Roadway traffic capacity studies
- D. Signal warrant studies
- E. Profiles for preliminary alternative alignments
- F. Intersection Design Study and ADA Analysis of the Meyers Road intersection
- G. Plats and legal descriptions for land acquisition
- H. Guardrail warrants
- I. Lighting Studies



Payroll Escalation Table
Fixed Raises
DLM 2.80

FIRM NAME LOCHNER
PRIME/SUPPLEMENT PRIME

DATE 05/24/24
PTB NO. _____

CONTRACT TERM 18 MONTHS
START DATE 5/1/2024
RAISE DATE 4/13/2025

OVERHEAD RATE 168.27%
COMPLEXITY FACTOR 0
% OF RAISE 3.00%

ESCALATION PER YEAR

5/1/2024 - 4/13/2025
12 18

4/14/2025 - 10/13/2025
6 18

= 66.67%
= 1.0100

34.33%

The total escalation for this project would be:

1.00%



Payroll Rates

FIRM NAME LOCHNER DATE 05/24/24
 PRIME/SUPPLEMENT PRIME
 PTB NO. _____

ESCALATION FACTOR 1.00%

CLASSIFICATION	CURRENT RATE	ESCALATED RATE
Principal	\$86.00	\$86.00
Project Manager III	\$85.49	\$86.00
Project Manager II	\$78.55	\$79.34
Project Manager I	\$63.93	\$64.57
Structural Engineer IV	\$86.00	\$86.00
Structural Engineer III	\$73.21	\$73.94
Structural Engineer II	\$46.10	\$46.56
Structural Engineer I	\$45.03	\$45.48
Engineer Associate I	\$33.65	\$33.99
Engineer Associate II	\$39.33	\$39.72
Engineer IV	\$82.18	\$83.00
Engineer II	\$55.47	\$56.02
Engineer I	\$42.44	\$42.86
Project Account Specialist	\$41.56	\$41.98
Construction Engineer II	\$65.43	\$66.08
CADD manager	\$70.30	\$71.00
Planning Manager	\$55.29	\$55.84
Planner I	\$34.38	\$34.72
Intern	\$21.50	\$21.72
		\$0.00
		\$0.00
		\$0.00
		\$0.00
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**Cost Estimate
Consultant Se**
(Direct Labor Multiple)

Firm	LOCHNER
Route	31st Street Multi-Use Trail
Section	11-00201-02-BT
County	DuPage
Job No.	
PTB & Item	

Date	05/24/24
Overhead Rate	168.27%
Complexity Factor	0

DBE DROP BOX	ITEM	MANHOURS (A)	PAYROLL (B)	(2.80+R) TIMES PAYROLL (C)	DIRECT COSTS (D)	SERVICES BY OTHERS (E)	DBE TOTAL (C+D+E)	TOTAL (C+D+E)	% OF GRAND TOTAL
	Data Collection	54	2,848.32	7,975.28	34.00			8,009.28	2.23%
	Traffic Analysis	74	3,876.42	10,853.97				10,853.97	3.03%
	Prelim. Environmental Studies	12	900.11	2,520.30				2,520.30	0.70%
	Concept Development	288	14,750.98	41,302.74				41,302.74	11.52%
	Prelim. Public and Agency Coord.	154	8,141.40	22,795.93	1,133.00			23,928.93	6.68%
	Preferred Alternative Studies	532	24,257.40	67,920.73	33.00			67,953.73	18.96%
	Final Environmental Studies	4	338.00	946.41				946.41	0.26%
	Final Public and Agency Coord.	152	7,968.43	22,311.61	1,133.00			23,444.61	6.54%
	Document Preparation	120	6,799.34	19,038.14				19,038.14	5.31%
	Project Administration	192	13,406.88	37,539.25				37,539.25	10.47%
	Huff & Huff					23,609.45		23,609.45	6.59%
	GeoServices					42,473.90	42,473.90	42,473.90	11.85%
	Gasperec Elberts					56,794.38	56,794.38	56,794.38	15.85%
	TOTALS	1582	83,287.27	233,204.37	2,333.00	122,877.73	99,268.28	358,415.10	100.00%

DBE 27.70%

Average Hourly Project Rates

Route	31st Street Multi-Use Trail
Section	11-00201-02-BT
County	DuPage
Job No.	
PTB/Item	

 Consultant LOCHNER

 Date 05/24/24

 Sheet 1 OF 2

Payroll Classification	Avg Hourly Rates	Total Project Rates			Data Collection			Traffic Analysis			Prelim. Environmental Studies			Concept Development			Prelim. Public and Agency Coo		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	\$86.00	4	0.25%	0.22															
Project Manager III	\$86.00	166	10.49%	9.02	4	7.41%	6.37	8	10.81%	9.30	4	33.33%	28.67	20	6.94%	5.97	16	10.39%	8.94
Project Manager II	\$79.34	12	0.76%	0.60				8	10.81%	8.58				4	1.39%	1.10			
Project Manager I	\$64.57	0																	
Structural Engineer IV	\$86.00	0																	
Structural Engineer III	\$73.94	0																	
Structural Engineer II	\$46.56	132	8.34%	3.88										64	22.22%	10.35			
Structural Engineer I	\$45.48	40	2.53%	1.15															
Engineer Associate I	\$33.99	170	10.75%	3.65				15	20.27%	6.89				40	13.89%	4.72			
Engineer Associate II	\$39.72	232	14.66%	5.83				10	13.51%	5.37				40	13.89%	5.52	40	25.97%	10.32
Engineer IV	\$83.00	218	13.78%	11.44	8	14.81%	12.30	10	13.51%	11.22	4	33.33%	27.67	32	11.11%	9.22	20	12.99%	10.78
Engineer II	\$56.02	170	10.75%	6.02							4	33.33%	18.67	40	13.89%	7.78	30	19.48%	10.91
Engineer I	\$42.86	230	14.54%	6.23	38	70.37%	30.16	15	20.27%	8.69				40	13.89%	5.95			
Project Account Specialist	\$41.98	40	2.53%	1.06															
Construction Engineer II	\$66.08	0																	
CADD manager	\$71.00	2	0.13%	0.09	2	3.70%	2.63												
Planning Manager	\$55.84	20	1.26%	0.71													8	5.19%	2.90
Planner I	\$34.72	90	5.69%	1.98	2	3.70%	1.29										40	25.97%	9.02
Intern	\$21.72	56	3.54%	0.77				8	10.81%	2.35				8	2.78%	0.60			
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TOTALS		1582	100%	\$52.65	54	100%	\$52.75	74	100%	\$52.38	12	100%	\$75.01	288	100%	\$51.22	154	100%	\$52.87

Average Hourly Project Rates

Route 31st Street Multi-Use Trail
Section 11-00201-02-BT
County DuPage
Job No.
PTB/Item

Consultant LOCHNER

Date 05/24/24

Sheet 2 **OF** 2

Payroll Classification	Avg Hourly Rates	Preferred Alternative Studies			Final Environmental Studies			Final Public and Agency Coord			Document Preparation			Project Administration					
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	\$86.00													4	2.08%	1.79			
Project Manager III	\$86.00	40	7.52%	6.47	2	50.00%	43.00	16	10.53%	9.05	16	13.33%	11.47	40	20.83%	17.92			
Project Manager II	\$79.34																		
Project Manager I	\$64.57																		
Structural Engineer IV	\$86.00																		
Structural Engineer III	\$73.94																		
Structural Engineer II	\$46.56	40	7.52%	3.50										28	14.58%	6.79			
Structural Engineer I	\$45.48	40	7.52%	3.42															
Engineer Associate I	\$33.99	115	21.62%	7.35															
Engineer Associate II	\$39.72	90	16.92%	6.72				20	13.16%	5.23	32	26.67%	10.59						
Engineer IV	\$83.00	30	5.64%	4.68	2	50.00%	41.50	12	7.89%	6.55	20	16.67%	13.83	80	41.67%	34.58			
Engineer II	\$56.02	32	6.02%	3.37				44	28.95%	16.22	20	16.67%	9.34						
Engineer I	\$42.86	105	19.74%	8.46							32	26.67%	11.43						
Project Account Specialist	\$41.98													40	20.83%	8.74			
Construction Engineer II	\$66.08																		
CADD manager	\$71.00																		
Planning Manager	\$55.84							12	7.89%	4.41									
Planner I	\$34.72							48	31.58%	10.97									
Intern	\$21.72	40	7.52%	1.63															
TOTALS		532	100%	\$45.60	4	100%	\$84.50	152	100%	\$52.42	120	100%	\$56.66	192	100%	\$69.83	0	0%	\$0.00



Tuesday, April 09, 2024

DuPage County Division of Transportation
31st Street Multi-Use Trail – Highland Avenue to Meyers Road
Section #11-00201-02-BT

SCOPE OF SERVICES

Project Limits: The project will include the improvement of 31st Street from Highland Avenue to Meyers Road, potentially requiring additional right of way and/or easements. Extents will be 100 feet north, south and west of the intersection on Highland Avenue. Side streets will be surveyed for 100 feet in applicable directions from the radius return, including 100 feet east of Meyers Road along 31st Street. Highland Parkway will be surveyed for 400 feet from 31st Street. The survey limits will extend approximately 25 feet outside the existing right of way. The total project length along 31st Street is approximately 5,900 feet.

General Project Scope: The project scope includes a Phase I update for a proposed multi-use trail along 31st Street from Highland Avenue to Meyers Road in the Village of Downers Grove and the Village of Oak Brook.

Gasperc Elberts Consulting, LLC (GEC) will be providing professional land surveying services and civil design support for this project. GEC's tasks will include the following:

Data Collection:

- Full topographic survey within project limits.
- Benchmarks and control will be set as necessary to provide coverage for the project length. Datum will be tied to DuPage County benchmarks and Illinois State Plane.
- Right of Way and boundary information will be incorporated into the basefile from available DuPage County GIS.
- Morning and evening hourly traffic volume counts at the intersection of Highland Parkway and 31st Street.

Survey and Base Plan Preparation:

- Prepare base map with topographic and utility information with one foot contours.
- Ensure the survey meets the Division of Transportation standards.
- All drainage structures will be included in the topographic survey, including inverts, pipe sizes, etc.
- Tree lines and all trees 6" and greater DBH will be tagged by others and included in the survey.
- GEC will initiate a JULIE Design Level locate. Information in records received from the JULIE request will be incorporated into the survey.
- GEC will recover sufficient boundary evidence to tie the Right of Way from existing County GIS to the survey.

Civil Design Support:

- For the Preferred Alternative, develop details to ensure that the project meets all ADA/PRWAG requirements including intersection details and traffic signal equipment. Compliance with the ADA/PROWAG requirements will be document in a Technical Memorandum and will be coordinated with Lochner for inclusion in the corridor modeling.

- For the Preferred Alternative, the floodplain/floodway impacts will be determined and compensatory storage requirements will be identified. Abbreviated hydraulic modeling will be performed to produce the necessary data for the Preliminary Bridge Design and Hydraulic Report for one crossing of a water body. A memo will be prepared documenting how the Preferred Alternative fits within the context of the DuPage Stormwater Ordinance. For areas where the path is sloped towards 31st Street, the existing inlet spacing and storm sewer system capacity will be evaluated and any necessary improvements will be identified. Culvert crossing extensions are exempt from the hydraulic modelling requirements of the DuPage County Stormwater Ordinance for a path less than 16 feet wide. A memo documenting the headwater impacts for up to 2 culvert extensions will be prepared for IDOT review.

DELIVERABLES

GEC will incorporate the data into a combined 3D MicroStation file (DGN). The topographic information will be mapped and annotated. A surface model (TIN) based on the surveyed data will be used to create 1-foot contours for the site. Rim and invert information will be provided in PDF format, along with a fieldbook containing survey notes and control information.



Payroll Escalation Table
Fixed Raises
DLM 2.80

FIRM NAME Gasperec Elberts Consulting
PRIME/SUPPLEMENT Prime

DATE 05/01/24
PTB NO. _____

CONTRACT TERM 18 MONTHS
START DATE 3/1/2024
RAISE DATE 1/1/2025

OVERHEAD RATE 135.31%
COMPLEXITY FACTOR _____
% OF RAISE 3.00%

ESCALATION PER YEAR

3/1/2024 - 1/1/2025

1/2/2025 - 9/1/2025

10
18

8
18

= 55.56%
= 1.0133

45.78%

The total escalation for this project would be:

1.33%



Payroll Rates

FIRM NAME Gasperec Elberts Consulting DATE 05/01/24
 PRIME/SUPPLEMENT Prime
 PTB NO. _____

ESCALATION FACTOR 1.33%

CLASSIFICATION	CURRENT RATE	ESCALATED RATE
----------------	--------------	----------------

Engineer V	\$79.50	\$80.56
Engineer IV	\$64.63	\$65.49
Engineer III	\$53.75	\$54.47
Engineer I	\$34.00	\$34.45
Surveyor IV	\$62.00	\$62.83
Surveyor III	\$55.50	\$56.24
Senior Survey Crew Chief II	\$45.00	\$45.60
Survey Crew Chief I	\$37.50	\$38.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
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**Cost Estimate of
Consultant Services**
(Direct Labor Multiple)

Firm Gasperec Elberts Consulting
 Route _____
 Section _____
 County _____
 Job No. _____
 PTB & Item _____

Date 05/01/24
 Overhead Rate 135.31%
 Complexity Factor 0

ITEM	MANHOURS (A)	PAYROLL (B)	(2.80+R) TIMES PAYROLL (C)	DIRECT COSTS (D)	SERVICES BY OTHERS (E)	DBE TOTAL (C+D+E)	TOTAL (C+D+E)	% OF GRAND TOTAL
Data Collection/Survey	266	12,616.00	35,324.80	317.00		35,641.80	35,641.80	62.76%
ADA Details	40	1,988.72	5,568.41			5,568.41	5,568.41	9.80%
Hydraulics	116	5,565.77	15,584.17			15,584.17	15,584.17	27.44%
TOTALS	422	20,170.49	56,477.38	317.00	0.00	56,794.38	56,794.38	100.00%

Average Hourly Project Rates

 Route _____
 Section _____
 County _____
 Job No. _____
 PTB/Item _____

 Consultant Gasperec Elberts Consulting

 Date 05/01/24

 Sheet 1 OF 1

Payroll Classification	Avg Hourly Rates	Total Project Rates			Data Collection/Survey			ADA Details			Hydraulics								
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Engineer V	\$80.56	0																	
Engineer IV	\$65.49	18	4.27%	2.79				10	25.00%	16.37	8	6.90%	4.52						
Engineer III	\$54.47	89	21.09%	11.49	8	3.01%	1.64	15	37.50%	20.43	66	56.90%	30.99						
Engineer I	\$34.45	73	17.30%	5.96	16	6.02%	2.07	15	37.50%	12.92	42	36.21%	12.47						
Surveyor IV	\$62.83	50	11.85%	7.44	50	18.80%	11.81												
Surveyor III	\$56.24	32	7.58%	4.26	32	12.03%	6.77												
Senior Survey Crew Chief II	\$45.60	80	18.96%	8.64	80	30.08%	13.71												
Survey Crew Chief I	\$38.00	80	18.96%	7.20	80	30.08%	11.43												
		0																	
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TOTALS		422	100%	\$47.80	266	100%	\$47.43	40	100%	\$49.72	116	100%	\$47.98	0	0%	\$0.00	0	0%	\$0.00



A Subsidiary of GZA



April 15, 2024

Michael Zorn, P.E.
Senior Project Manager/Vice President
H.W. Lochner, Inc.
225 West Washington Street, 12th Floor
Chicago, Illinois 60606

Via Email: mzorn@hwlochner.com

**Re: Phase I and II Environmental Services
DuPage County Division of Transportation (DuDOT)
31st Street Multi-Use Trail – Highland Avenue to Meyers Road
Downers Grove, Oak Brook, and Unincorporated, DuPage County, Illinois
Proposal No. 81.P013119.24**

Dear Mr. Zorn:

Huff & Huff, Inc., a subsidiary of GZA GeoEnvironmental, Inc. (H&H/GZA) is pleased to submit this proposal to H.W. Lochner, Inc. (Client) to conduct Phase I and II environmental services associated with the proposed 31st Street Multi-Use Trail – Highland Avenue to Meyers Road project located within the Village of Downers Grove, Oak Brook, and unincorporated DuPage County, Illinois. The project proposes to potentially route a portion of the multi-use trail located within Forest Preserve District of DuPage County (FPDDC) Lyman Woods Forest Preserve. Lyman Woods is also designated as a Nature Preserve. H&H/GZA understands that while this scope of work will be contracted by the DuPage County Division of Transportation (DuDOT), the project is anticipated to receive federal funding. Therefore, it is anticipated that this project will be processed through the Illinois Department of Transportation (IDOT).

The Client has requested professional environmental services including the completion of wetland and waterway delineations, an associated report, as well as a boundary verification as required within DuPage County. Additional services include permitting tasks, completion of the Environmental Survey Request (ESR) submittal, Wetland Impact Evaluation (WIE) form, and completion a Preliminary Environmental Site Assessment (PESA), and the completion of a Bridge/Structure Bat Assessment (BBA) for the entire length of three culverts, which are present within the project vicinity.

Graef previously completed the PESA for the project, dated November 15, 2011. The findings of PESA did not identify recognized environmental conditions (RECs) associated with the project corridor. According to IDOT Bureau of Local Roads and Streets (BLRS) and BDE Manuals, once three (3) years have lapsed, a new PESA is required.

This proposal presents our project approach, the scope of services, cost, and schedule for completing the project.

- GEOTECHNICAL
- ENVIRONMENTAL
- ECOLOGICAL
- WATER
- CONSTRUCTION MANAGEMENT

915 Harger Road
Suite 330
Oak Brook, IL 60523
T: 630.684.9100
F: 630.684.9120
www.huffnhuff.com
www.gza.com



1. SCOPE OF SERVICES

In preparing this proposal, H&H/GZA has made the following assumptions.

- Wetland mitigation design and coordination is not included within this scope of work.
- Direct coordination with the FPDDC is not included within this scope of work.

Task 1 – Environmental Survey Request (ESR) Submittal

The ESR forms will be submitted to IDOT through the BLRS by H&H/GZA upon authorization by DuDOT.. The ESR request triggers various environmental reviews including wetlands, sensitive species, and cultural resources. The Illinois State Geological Survey (ISGS) only completes PESAs for state-owned roads. Therefore, the PESA will be the responsibility of H&H/GZA for this project and is included in this proposal.

This task includes completion of the ESR forms, and any coordination required with the BLRS. This task assumes that the Client will provide ESR exhibits for inclusion with the ESR submittal. Biological and Cultural clearances will be obtained via ESR submittal process.

Task 2 – Wetland and Waterway Delineation and Buffer Assessment

H&H/GZA will conduct a wetland and waterway delineation for areas exhibiting wetland and waterway characteristics as well as a formal buffer assessment for each wetland and waterway within the project's ESR limits in accordance with:

- The U.S. Army Corps of Engineers (USACE) *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)*, (Supplemental Wetland Manual);
- The DuPage County Countywide Stormwater and Floodplain Ordinance (as amended September 13, 2022); and
- The February 25, 2022, edition of the USACE Chicago District, Nationwide Permit (NWP) Program.

A. Off-Site Record/Document Review

The assessment includes an off-site records and document review, followed by a field delineation to identify formal wetland and waterway boundaries. The following records/documents will be reviewed prior to conducting the field investigation. Soils information will be reviewed to determine the soil types encountered during the delineation procedures.

- Current and historic aerial photographs;
- U.S. Geological Survey (USGS) Topographic Maps;
- U.S. Fish and Wildlife Service (FWS), NWI Maps;
- DuPage County Wetland Maps;
- Natural Resources Conservation Services (NRCS), Soil Survey of DuPage County;
- Hydric Soils of the United States;
- Federal Emergency Management Agency (FEMA), Flood Insurance Rate Maps (FIRM); and
- USGS Hydrologic Atlases.



B. On-Site Investigation (Field Inventory)

H&H/GZA proposes to conduct on-site investigations of all potential wetlands and waterways and associated buffers within and/or immediately adjacent to the project's ESR limits. Wetland delineation field investigation activities include on-site testing for the presence of hydric soils, hydrophytic vegetation, and persistent hydrology. A floristic quality assessment (FQA) and a wildlife assessment will be conducted for each identified wetland. Functions of wetlands and buffers based on field observations will also be evaluated during the on-site investigation. The wetland and waterway perimeters within the project limits will be surveyed by H&H/GZA using a Global Positioning System (GPS) unit. H&H/GZA will provide a CAD file and Shapefiles for the formal wetland and waterway boundaries identified on the subject property to the Client. H&H/GZA will also flag the boundaries of delineated wetlands and surface waters as required by DuPage County.

The field work will be completed within the Chicago District, USACE growing season for DuPage County (April 25 to October 19). Delineations conducted outside this timeframe may be considered preliminary and insufficient for permitting purposes. This task assumes access will be provided to H&H/GZA to conduct field work within the project limits as coordinated with the Client.

C. Wetland Report

A Wetland Delineation Report will be prepared summarizing the findings of the desktop review and the on-site investigation. This report will be submitted to the Client as a PDF only. The shapefiles of the wetland and waterway boundaries as surveyed in the field will also be provided to the Client via email. Specific items to be included in the report are as follows:

- Map showing the location, limits, and wetland/waterway boundaries within the project limits;
- Aerial photography depicting the appropriate limits of the delineated wetlands/waterways;
- USACE data sheets with FQAs, as required;
- Color photos of the wetlands and the data points; and
- Characterization of wetland and surface waters/waterway buffers, dominant plant species, habitat types¹; and
- Written description of wetland functional classification.

Task 3 – Wetland and Waterway Boundary Verification

DuPage County requires a boundary verification for wetlands and waterways, which is only valid for two years. Time is included for the boundary verification submittal to DuPage County and one onsite meeting with DuPage County to complete the boundary verification. This task does not include fees associated with obtaining a wetland boundary verification from DuPage County. This task assumes the Client will formally submit a request for the boundary verification and pay the associated boundary verification fees via DuPage County's online portal. Effective August 15, 2018, DuPage County has approved a revision to the stormwater permit review fees, which now includes a fee for wetland boundary verifications. The fees are as follows: development sites ≤5 acre is \$300 and > 5acre is \$500. For this project, a fee of \$500.00 for the boundary verification is assumed. H&H/GZA will provide the Client with the draft wetland report for the formal submittal on DuPage County's portal.

¹ Trees present within buffers will be assessed as part of this task as required by DuPage County.



Once the formal boundary verification has been completed with DuPage County, H&H/GZA will update the wetland report completed for this project accordingly for wetland permitting purposes. Should any changes to the delineated wetland boundaries be made, H&H/GZA will provide the Client with updated wetland Shapefiles and CAD files. H&H/GZA will provide the updated wetland report to the Client in PDF format.

Task 4 – Jurisdictional Determination

A jurisdictional determination (JD) may be required to determine if on-site wetlands are under the jurisdiction of the USACE. Upon completion of the wetland report H&H/GZA will submit a JD request to the Chicago District, USACE for this project, if necessary. The results of the JD will be used for permitting.

Task 5 – Wetland Impact Evaluation

This task includes completing Illinois Department of Transportation's (IDOT) Wetland Impact Evaluation (WIE) form, which is required for a complete ESR submittal. H&H/GZA will complete the WIE form using wetland impacts as calculated by the Client and will formally submit this online as well as provide copies of the submittal to the Client and the BLRS. This task assumes that Client will prepare the WIE exhibit, which will include an assessment of impacts to wetlands and surface waters/waterways.

Task 6 – Bat Bridge/Structure Habitat Assessment

This proposal includes an assessment of NLEB habitat within the construction limits, specifically related to three (3) existing culvert structures present within the project corridor. The NLEB assessment entails only the assessment of bridge, culverts, and any other structure over four (4) feet in height that have the potential to provide roosting habitat for NLEB; and expressly does not constitute surveys, mist netting, echolocation, or other, for presence of NLEB within the project or adjacent areas, or specific tree surveys to identify trees that may provide suitable habitat for the NLEB or other listed bat species.

The USFWS and FHWA with the FRA and FTA standardized their approach to assessing impacts to federally listed bat species from highway construction and expansion projects, and for developing avoidance, minimization, and mitigation strategies. For projects with bridges, culverts, or any other structure over four (4) feet tall that have the potential to provide suitable roosting habitat, a preliminary assessment of the structure is required to confirm the presence or absence of evidence of bats. The methodology for the assessment follows guidelines from "*Appendix D: Bridge Inspection Guidance of the User's Guide for the Range-wide Programmatic Informal Consultation for Indiana Bat and Northern Long-eared Bat.*" As this project will be processed through IDOT, an inspection of the bridge, culverts, and any other structure over four (4) feet tall that has the potential to provide suitable roosting habitat for NLEB, present within survey limits will be conducted to confirm evidence for the potential presence of bats.

Bridges and structures located along large bodies of water associated with wide floodplains generally provide suitable habitat for the NLEB and other bat species by providing areas to roost, sources of food, and opportunities to mate. Suitable roosting habitat for the NLEB includes cracks in concrete and expansion joints and congregate in areas where a cave-like environment is present. These specific areas are mostly associated with the substructure or lower portion of a bridge.

The bridge/structure assessment guidelines focus on four indicators of bats, which include the following;



- Visual – bats flying or roosting;
- Audible – chirping or high-pitched squeaking;
- Physical – droppings, referred to as guano, consisting of black or brown pellets, which accumulate underneath roosting location. Older guano appears grey in color. Guano can adhere to support beams, columns, and walls; and
- Staining – “wet” and dark looking stains may be visible on the walls, support beams, columns, beneath joints, and on the ceiling of bridge. Stains are typically in dark places. Stains are approximately four to six inches wide.

The identification of any of the above listed indicators is sufficient documentation to confirm recent bat usage. All indicators and observations of live or dead bats and their approximate location on the bridge or structure will be recorded on the bridge/structure inspection form. Time under this task includes the field assessment and the completion of the formal IDOT BBA Form and an associated photographic log of each structure assessed. Time under this task does not include formal coordination with any agency for impacts to listed species.

The following limitations apply to this task:

- Bridge and structure inspections can typically only be completed during non-flood conditions, and/or conditions when water levels safely allow for human passage within culverts and beneath bridge structures.
- Bridge and structure inspections typically cannot be completed within traditional navigable waterways without use of a boat or other mechanical means and are not included within this scope of services.
- Bridge and structure inspections cannot typically be conducted within gated or fenced structures.
- In some cases, debris build-up within culverts and other structures may not allow for physical inspection.
- The USFWS and IDNR have the authority to require additional assessments.

Task 7 – Preliminary Environmental Site Assessment (PESA)

Graef previously completed the PESA for the project, dated November 15, 2011. The findings of PESA did not identify recognized environmental conditions (RECs) associated with the project corridor. According to IDOT BLRS and BDE Manuals, once three (3) years have lapsed, a new PESA is required.

H&H/GZA will complete a PESA for the local jurisdiction along 31st Street and the process will follow general protocols contained within:

- A Manual for Conducting Preliminary Environmental Site Assessments for Illinois Department of Transportation (IDOT) Highway Projects (Erdmann et al., 2012)
- ASTM International (ASTM) standard 1527-13
- The IDOTs Bureau of Design and Environment (BDE) Procedure Memorandum Number 10-07, *Special Waste Procedures*. This memo was incorporated into Chapter 27-3 of the IDOT BDE Manual in June 2012.
- IDOT Bureau of Local Roads and Streets (BLRS) Manual, Chapter 20-12, Special Waste, July 2013.
- Public Act 96-1416
- Clean Construction or Demolition Debris Fill Operations (CCDD) and Uncontaminated Soil Fill Operations: Amendments to 35 Illinois Administrative Code 1100. Effective on August 27, 2012



A. Site Evaluation

Current environmental features and conditions of sites adjacent to the right-of-way/project area (local, non-IDOT jurisdiction) will be evaluated. A site walkover of potential right-of-way/project areas designated for excavation and/or acquisition will be conducted for first-hand evaluation of current environmental conditions within the project limits. The features and conditions listed above will be investigated and, as appropriate, documented in photographs. The land-use and housekeeping practices of adjacent properties also will be evaluated in accordance with ASTM protocols.

B. Records Review

A records review will be conducted to determine potential environmental concerns within the study area. It will include a search of standard state and federal environmental record databases in accordance with the specifications of ASTM standards. This search is based on the outline of the study area. Specifically, H&H/HZA will search each database to identify any potential sources requiring further investigation. As appropriate, Freedom of Information Act (FOIA) requests will be filed with the Illinois Environmental Protection Agency (IEPA) to obtain additional data pertaining to identified sites.

C. Report Preparation

One (1) letter report summarizing the results of the evaluation will be prepared. The summary will reference the previous PESA and identify PIPs. Figures identifying the revised project area and will be included in the letter report.

Task 8 – Project Management

Time under this task includes project administration and management activities that include cost and schedule tracking, coordination with the Client on authorized activities, memo production and other in-house management activities. Time under this task also includes completing a health and safety plan for all requested tasks within this scope.

Task 9 – QA/QC

Time under this task includes QA/QC time for the reports and permits as described above.

2. PROJECT COSTS

The proposed project costs for the proposed tasks are included on the attached spreadsheets.

3. LEVEL OF EFFORT AND SCHEDULE

The field work will be completed within the USACE Chicago District growing season for DuPage County (approximately between April 25 and October 19). Delineations conducted outside this timeframe may be considered preliminary and insufficient for permitting purposes. Completion of the permitting services are dependent on Client need and schedules. If an expedited schedule is necessary, H&H/GZA will coordinate with Client to establish a schedule that is appropriate for the project needs.

The cost estimate for this scope of work is presented in the attached Cost Estimate of Consultant Services (CECS). Work will commence within 10 business days of project approval. The project schedule will be coordinated with the Client for permitting activities as well as for the completion of the PESA task. The PESA will require eight (8) weeks for completion. The wetland delineation work will be completed during the 2024 growing season, between April 25 and October 19, and anticipated completion of the Wetland Delineation Report within four weeks of completion of the field work.



4. TERMS AND CONDITIONS FOR PROFESSIONAL SERVICES

CONDITIONS OF ENGAGEMENT

The conditions of engagement are anticipated to be consistent with a standard IDOT Agreement for Subconsultant Services (BDE 100) or consistent with terms and conditions as described in the Agreement (DT-P-0340-21) Between the County of DuPage, Illinois and Huff & Huff, Inc. For Professional Environmental Screening Upon Request – Various Locations – Section No. 21-ENVMT-07-EG. Please feel free to contact the undersigned at (630) 684-9100 with any questions.

ACCEPTANCE

This agreement may be initiated by Client and/or Owner (DuPage County) by submitted a standard IDOT Agreement for subconsultant Services (BDE 100) and/or accompanied by a DuPage County Prime Agreement for execution by H&H/GZA. This proposal is valid for a period of 30 days from the date of issue. We appreciate the opportunity to submit this proposal. Please feel free to contact the undersigned at (630) 684-9100 with any questions.

Very truly yours,

Huff & Huff, Inc.

Signature on File

Signature on File


James Novak, P.W.S.
Associate Principal

Jeremy Reynolds, P.G.
Associate Principal

Attachments:

Payroll Rates

FIRM NAME Huff & Huff, Inc., a subsidiary of DATE 05/20/24
 PRIME/SUPPLEMENT H.W. Lochner
 PTB NO. 0

ESCALATION FACTOR 0.00%

CLASSIFICATION	CURRENT RATE	ESCALATED RATE
Principal	\$78.00	\$78.00
Associate Principal III	\$78.00	\$78.00
Associate Principal II	\$72.15	\$72.15
Associate Principal I	\$68.96	\$68.96
Senior Consultant II	\$75.00	\$75.00
Senior Project Manager III	\$68.98	\$68.98
Senior Project Manager II	\$57.21	\$57.21
Senior Project Manager I	\$53.72	\$53.72
Senior Landscape Architect	\$59.54	\$59.54
Senior Planning PM	\$56.62	\$56.62
Senior Technical Specialist II	\$64.02	\$64.02
Senior Technical Specialist I	\$55.05	\$55.05
Senior Scientist PM II	\$57.08	\$57.08
Senior Technical Scientist	\$54.50	\$54.50
Scientist PM II	\$49.25	\$49.25
Scientist PM I	\$46.97	\$46.97
Assistant PM Scientist	\$37.61	\$37.61
Environmental Engineer PM I	\$47.95	\$47.95
Geotechnical Engineer PM I	\$48.28	\$48.28
Assistant PM Engineer I	\$43.04	\$43.04
Engineer II	\$31.75	\$31.75
Engineer I	\$33.35	\$33.35
Scientist SI	\$33.35	\$33.35
Scientist SII	\$31.72	\$31.72
Technical Graphics Technician	\$25.96	\$25.96
Administrative Executive	\$48.89	\$48.89
Senior Administrative Assistant	\$34.50	\$34.50
Lead Word Processor	\$42.39	\$42.39
Billing Administrator	\$25.00	\$25.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
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		\$0.00
		\$0.00
		\$0.00

**Cost Estimate of
Consultant Services**
(Direct Labor Multiple)

Firm	Huff & Huff, Inc., a subsidiary of GZA
Route	31st Street Trail
Section	31st Street
County	DuPage
Job No.	
PTB & Item	0

Date 05/20/24

Overhead Rate 190.00%

Complexity Factor 0

ITEM	MANHOURS (A)	PAYROLL (B)	(2.80+R) TIMES PAYROLL (C)	DIRECT COSTS (D)	SERVICES BY OTHERS (E)	DBE TOTAL (C+D+E)	TOTAL (C+D+E)	% OF GRAND TOTAL
Task 1 - Environmental Survey Request (ESR) Submittal	30	1,681.30	4,707.64	0.00	0.00		4,707.64	19.94%
Task 2 - Wetland and Waterway Delineation and Buffer Assessment/Repo	48	1,853.38	5,189.46	10.05	0.00		5,199.51	22.02%
Task 3 - Wetland and Waterway Boundary Verification	9	484.89	1,357.69	10.05	0.00		1,367.74	5.79%
Task 4 - Jurisdictional Determination	7	267.60	749.28	10.05	0.00		759.33	3.22%
Task 5 - Wetland Impact Evaluation	5	290.15	812.42	0.00	0.00		812.42	3.44%
Task 6 - Bat Bridge/Structure Habitat Assessment	12	380.64	1,065.79	0.00	0.00		1,065.79	4.51%
Task 7 - Preliminary Environmental Site Assessment (PESA)	58	2,070.45	5,797.26	360.05	0.00		6,157.31	26.08%
Task 8 - Project Management	9	480.10	1,344.28	0.00	0.00		1,344.28	5.69%
Task 9 - QA/QC	11	784.08	2,195.42	0.00	0.00		2,195.42	9.30%
TOTALS	189	8,292.59	23,219.25	390.20	0.00	0.00	23,609.45	100.00%

Average Hourly Project Rates

Route 31st Street Trail
Section 31st Street
County DuPage
Job No.
PTB/Item 0

Consultant Huff & Huff, Inc., a subsidiary of GZA

Date 05/20/24

Sheet 1 OF 2

Payroll Classification	Avg Hourly Rates	Total Project Rates			Task 1 - Environmental Survey			Task 2 - Wetland and Waterway			Task 3 - Wetland and Waterway			Task 4 - Jurisdictional Determination			Task 5 - Wetland Impact Evaluation		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	\$78.00	0																	
Associate Principal III	\$78.00	0																	
Associate Principal II	\$72.15	13	6.88%	4.96	2	6.67%	4.81									1	20.00%	14.43	
Associate Principal I	\$68.96	3	1.59%	1.09															
Senior Consultant II	\$75.00	0																	
Senior Project Manager III	\$68.98	0																	
Senior Project Manager II	\$57.21	0																	
Senior Project Manager I	\$53.72	0																	
Senior Landscape Architect	\$59.54	0																	
Senior Planning PM	\$56.62	0																	
Senior Technical Specialist II	\$64.02	0																	
Senior Technical Specialist I	\$55.05	20	10.58%	5.83	20	66.67%	36.70												
Senior Scientist PM II	\$57.08	4	2.12%	1.21															
Senior Technical Scientist	\$54.50	36	19.05%	10.38	8	26.67%	14.53	10	20.83%	11.35	8	88.89%	48.44	2	28.57%	15.57	4	80.00%	43.60
Scientist PM II	\$49.25	0																	
Scientist PM I	\$46.97	0																	
Assistant PM Scientist	\$37.61	4	2.12%	0.80															
Environmental Engineer PM I	\$47.95	0																	
Geotechnical Engineer PM I	\$48.28	0																	
Assistant PM Engineer I	\$43.04	2	1.06%	0.46															
Engineer II	\$31.75	0																	
Engineer I	\$33.35	0																	
Scientist SI	\$33.35	21	11.11%	3.71															
Scientist SII	\$31.72	74	39.15%	12.42				32	66.67%	21.15				5	71.43%	22.66			
Technical Graphics Technician	\$25.96	0																	
Administrative Executive	\$48.89	11	5.82%	2.85				6	12.50%	6.11	1	11.11%	5.43						
Senior Administrative Assistant	\$34.50	1	0.53%	0.18															
Lead Word Processor	\$42.39	0																	
Billing Administrator	\$25.00	0																	
		0																	
TOTALS		189	100%	\$43.88	30	100%	\$56.04	48	100%	\$38.61	9	100%	\$53.88	7	100%	\$38.23	5	100%	\$58.03

Average Hourly Project Rates

Route	31st Street Trail
Section	31st Street
County	DuPage
Job No.	
PTB/Item	0

Consultant Huff & Huff, Inc., a subsidiary of GZA

Date 05/20/24

Sheet 2 OF 2

Payroll Classification	Avg Hourly Rates	Task 6 – Bat Bridge/Structure			Task 7 – Preliminary Environment			Task 8 – Project Management			Task 9 - QA/QC								
		Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg
Principal	\$78.00																		
Associate Principal III	\$78.00																		
Associate Principal II	\$72.15							2	22.22%	16.03	8	72.73%	52.47						
Associate Principal I	\$68.96										3	27.27%	18.81						
Senior Consultant II	\$75.00																		
Senior Project Manager III	\$68.98																		
Senior Project Manager II	\$57.21																		
Senior Project Manager I	\$53.72																		
Senior Landscape Architect	\$59.54																		
Senior Planning PM	\$56.62																		
Senior Technical Specialist II	\$64.02																		
Senior Technical Specialist I	\$55.05																		
Senior Scientist PM II	\$57.08				4	6.90%	3.94												
Senior Technical Scientist	\$54.50							4	44.44%	24.22									
Scientist PM II	\$49.25																		
Scientist PM I	\$46.97																		
Assistant PM Scientist	\$37.61				4	6.90%	2.59												
Environmental Engineer PM I	\$47.95																		
Geotechnical Engineer PM I	\$48.28																		
Assistant PM Engineer I	\$43.04							2	22.22%	9.56									
Engineer II	\$31.75																		
Engineer I	\$33.35																		
Scientist SI	\$33.35				21	36.21%	12.08												
Scientist SII	\$31.72	12	100.00%	31.72	24	41.38%	13.13	1	11.11%	3.52									
Technical Graphics Technician	\$25.96																		
Administrative Executive	\$48.89				4	6.90%	3.37												
Senior Administrative Assistant	\$34.50				1	1.72%	0.59												
Lead Word Processor	\$42.39																		
Billing Administrator	\$25.00																		
TOTALS		12	100%	\$31.72	58	100%	\$35.70	9	100%	\$53.34	11	100%	\$71.28	0	0%	\$0.00	0	0%	\$0.00

SCOPE OF SERVICES - GEO SERVICES INC.

31st Street Multi-Use Trail

Downers Grove, Illinois; DuPage County

Geotechnical Services

1. Project Description

The project includes engineering services the design of a multi-use path, along with associated bridge for path and approximately 3,500 lineal feet of short retaining wall for the path.

2. General

All of the Geotechnical work will be performed in accordance with the Geotechnical Manual, the IDOT All Geotechnical Manual Users Memorandum 05.2 (AGMU 05.2) dated September 26, 2005. All necessary laboratory tests will be performed in an AMRL certified laboratory. This scope does not include any environmental work.

3. Field Investigations

The proposed drilling scope is summarized on the following table:

Project Element	Drilling Scope
BRIDGE STRUCTURE	
Multi-Use Bridge	2 structure borings to 50 feet
RETAINING WALL	
Approximately 3,500 lineal feet long short retaining wall (and adjacent multi-use path)	13 structure borings to a depth of 20 feet (approx. 300-ft on center) and in areas accessible to drill rig (due to access and/or existing utility conflicts) and if drill rig can not access within 15-ft of wall alignment, in in-accessible to drill rig areas, perform 10-ft deep (or refusal) hand augers as close to retaining wall alignment as is feasible. Provide GPS coordinates of boring locations (proposed and "as-drilled").

4. Laboratory Testing

Moisture content tests will be performed on all samples recovered. Particle size and index property tests will be performed on representative portions of the samples to assist with soil classification and liquefaction analysis. Organic content tests will be performed on representative portions of the organic soils.

5. Geotechnical Report

One geotechnical report for each of the following items:

Geo Services, Inc.
GEO Project No. 23092
October 30, 2023

1. Bridge structure, retaining wall and multi-use path combined into one geotechnical report

Below is the detailed information that will be included but not limited to in the geotechnical report.

1. Soil conditions
2. Ground water elevations
3. Site preparation recommendations
4. Pavement construction recommendations
5. Foundation recommendations
6. Lateral earth recommendations
7. Slope Stability Analysis
8. Copies of boring logs, as drilled boring coordinates, core logs, test results and location diagram
9. Recommendations relative to any unusual design or construction techniques which may be required due to subsurface conditions



Payroll Escalation Table
Fixed Raises
DLM 2.80

FIRM NAME Geo Services, Inc.
PRIME/SUPPLEMENT Prime

DATE 05/24/24
PTB NO. _____

CONTRACT TERM 18 MONTHS
START DATE 3/1/2024
RAISE DATE 7/1/2024

OVERHEAD RATE 250.67%
COMPLEXITY FACTOR 0
% OF RAISE 3.00%

ESCALATION PER YEAR

3/1/2024 - 7/1/2024
4 ----- 18

7/2/2024 - 7/1/2025
12 ----- 18

7/2/2025 - 9/1/2025
2 ----- 18

= 22.22%
= 1.0268

68.67%

11.79%

The total escalation for this project would be:

2.68%



Payroll Rates

FIRM NAME Geo Services, Inc. **DATE** 05/24/24
PRIME/SUPPLEMENT Prime
PTB NO. _____

ESCALATION FACTOR **2.68%**

CLASSIFICATION	CURRENT RATE	ESCALATED RATE
Principal Engineer	\$86.00	\$86.00
Project Manager	\$83.75	\$85.99
Senior Geotechnical Engineer	\$52.40	\$53.80
Engineering Geologist/CADD	\$45.00	\$46.20
Senior Project Engineer	\$42.00	\$43.12
Project Engineer	\$37.45	\$38.45
Field Engineer/Traffic Flagger	\$44.40	\$45.59
Staff Engineer	\$31.25	\$32.09
Adminstrative Assistant	\$36.75	\$37.73
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
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		\$0.00



Cost Estimate
Consultant Se
(Direct Labor Multiple)

Firm	Geo Services, Inc.
Route	31st Street Multi-Use Trail
Section	
County	DuPage
Job No.	
PTB & Item	

Date	05/24/24
Overhead Rate	250.67%
Complexity Factor	0

DBE DROP BOX	ITEM	MANHOURS (A)	PAYROLL (B)	(2.80+R) TIMES PAYROLL (C)	DIRECT COSTS (D)	SERVICES BY OTHERS (E)	DBE TOTAL (C+D+E)	TOTAL (C+D+E)	% OF GRAND TOTAL
DBE	Geotech. Drilling	90	4,209.97	11,787.90	30,686.00	0.00	42,473.90	42,473.90	100.00%
	TOTALS	90	4,209.97	11,787.90	30,686.00	0.00	42,473.90	42,473.90	100.00%

DBE 100.00%

Average Hourly Project Rates

 Route 31st Street Multi-Use Trail
 Section _____
 County DuPage
 Job No. _____
 PTB/Item _____

 Consultant Geo Services, Inc.

 Date 05/24/24

 Sheet 1 OF 1

Payroll Classification	Avg Hourly Rates	Total Project Rates			Geotech. Drilling											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal Engineer	\$86.00	2	2.22%	1.91	2	2.22%	1.91									
Project Manager	\$85.99	5	5.56%	4.78	5	5.56%	4.78									
Senior Geotechnical Engineer	\$53.80	0														
Engineering Geologist/CADD	\$46.20	10	11.11%	5.13	10	11.11%	5.13									
Senior Project Engineer	\$43.12	0														
Project Engineer	\$38.45	20	22.22%	8.54	20	22.22%	8.54									
Field Engineer/Traffic Flagger	\$45.59	48	53.33%	24.31	48	53.33%	24.31									
Staff Engineer	\$32.09	0														
Administrative Assistant	\$37.73	5	5.56%	2.10	5	5.56%	2.10									
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TOTALS		90	100%	\$46.78	90	100%	\$46.78	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

EXHIBIT B

DELIVERABLES

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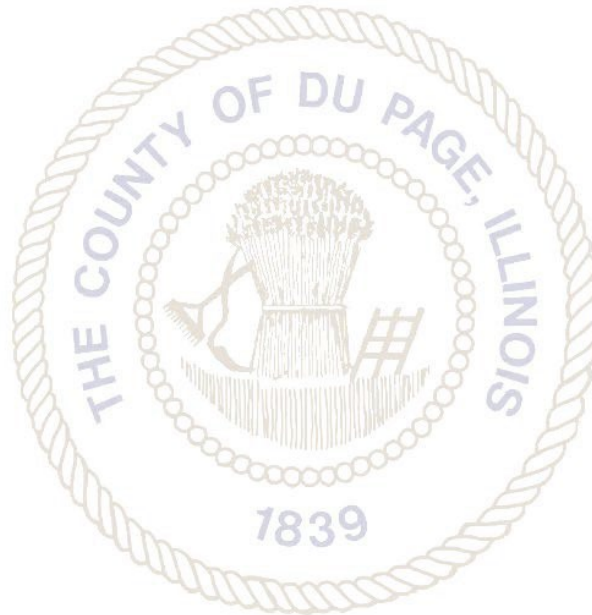


EXHIBIT C

**DUPAGE COUNTY DIVISION OF TRANSPORTATION
Consultant Employee Rate Listing**

CONSULTANT: Lochner

PROJECT: 31st Street Multi-Use Trail – Highland Avenue to Meyers Road

Classification	Rate Range		Reason for Adjustment/Addition/Deletion
	Minimum	Maximum	
Principal	\$86.00	\$86.00	
Project Manager III	\$86.00	\$86.00	
Project Manager II	\$71.00	\$86.00	
Project Manager I	\$53.00	\$85.00	
Structural Engineer IV	\$86.00	\$86.00	
Structural Engineer III	\$68.00	\$86.00	
Structural Engineer II	\$45.00	\$54.00	
Structural Engineer I	\$42.00	\$54.00	
Engineer Associate I	\$33.00	\$39.00	
Engineer Associate II	\$39.00	\$46.00	
Engineer IV	\$78.00	\$86.00	
Engineer II	\$50.00	\$76.00	
Engineer I	\$42.00	\$49.00	
Project Account Specialist	\$33.00	\$54.00	
Construction Engineer II	\$63.00	\$78.00	
CADD manager	\$70.00	\$82.00	
Planning Manager	\$55.00	\$64.00	
Planner I	\$34.00	\$40.00	
Intern	\$20.00	\$28.00	

Note: Maximum rate shall not exceed \$86.00 per hour.

Signature of Authorized Agent
for CONSULTANT:

Signature on File _____

Date: 4/3/24

Signature
Michael Zorn

Print Name

Approved By COUNTY:

Signature on File _____

Date: 4/18/24

Yifang Lu, Chief Highway Engineer

EXHIBIT C

**DUPAGE COUNTY DIVISION OF TRANSPORTATION
Consultant Employee Rate Listing**

CONSULTANT: Gasperec Elberts Consulting, LLC

PROJECT: 31st Street Multi-Use Trail – Highland Ave to Meyers Rd

Classification	Rate Range		Reason for Adjustment/Addition/Deletion
	Minimum	Maximum	
Engineer VI	70.00	86.00	
Engineer V	60.00	86.00	
Engineer IV	50.00	75.00	
Engineer III	40.00	65.00	
Engineer II	35.00	55.00	
Engineer I	30.00	50.00	
Surveyor V	60.00	86.00	
Surveyor IV	50.00	75.00	
Surveyor III	45.00	65.00	
Surveyor II	35.00	50.00	
Surveyor I	30.00	45.00	
Engineering Technician V	50.00	70.00	
Engineering Technician IV	40.00	60.00	
Engineering Technician III	35.00	55.00	
Engineering Technician II	30.00	45.00	
Engineering Technician I	25.00	40.00	
Construction Engineer III	40.00	65.00	
Construction Engineer II	35.00	55.00	
Construction Engineer I	30.00	50.00	
CADD Technician II	30.00	45.00	
CADD Technician I	25.00	40.00	
Senior Survey Crew Chief II	40.00	55.00	
Senior Survey Crew Chief I	35.00	50.00	
Survey Crew Chief II	30.00	45.00	
Survey Crew Chief I	25.00	45.00	
Instrument Person II	20.00	35.00	
Instrument Person I	18.00	30.00	
Survey / Engineering Intern	15.00	30.00	

Note: Maximum rate shall not exceed \$86.00 per hour.

Signature of Authorized Agent
for CONSULTANT:

Signature on File _____

Date: 03/22/2024

Signature
Megan Elberts

Print Name

Signature on File _____

Date: 4/3/24

Approved By COUNTY:

Yitang Lu, Chief Highway Engineer

EXHIBIT C

**DUPAGE COUNTY DIVISION OF TRANSPORTATION
Consultant Employee Rate Listing**

CONSULTANT: Huff & Huff, Inc.

PROJECT: 31st Street

Classification	Rate Range		Reason for Adjustment/Addition/Deletion
	Minimum	Maximum	
Principal	\$78.00	\$86.00	
Associate Principal III	\$78.00	\$86.00	
Associate Principal II	\$72.00	\$86.00	
Associate Principal I	\$68.00	\$80.00	
Senior Consultant II	\$75.00	\$86.00	
Senior Project Manager III	\$68.00	\$78.00	
Senior Project Manager II	\$57.00	\$63.00	
Senior Project Manager I	\$53.00	\$63.00	
Senior Landscape Architect	\$59.00	\$67.00	
Senior Planning PM	\$56.00	\$66.00	
Senior Technical Specialist II	\$62.00	\$68.00	
Senior Technical Specialist I	\$55.00	\$61.00	
Senior Scientist PM II	\$57.00	\$70.00	
Senior Technical Scientist	\$54.00	\$65.00	
Scientist PM II	\$49.00	\$58.00	
Scientist PM I	\$46.00	\$50.00	
Assistant PM Scientist	\$37.00	\$42.00	
Environmental Engineer PM I	\$47.00	\$49.00	
Geotechnical Engineer PM I	\$48.00	\$55.00	
Assistant PM Engineer I	\$43.00	\$50.00	
Engineer II	\$31.00	\$34.00	
Engineer I	\$33.00	\$36.00	
Scientist SI	\$33.00	\$38.00	
Scientist SII	\$31.00	\$32.00	
Technical Graphics Technician	\$25.00	\$30.00	
Administrative Executive	\$48.00	\$55.00	
Senior Administrative Assistant	\$34.00	\$41.00	
Lead Word Processor	\$42.00	\$48.00	
Billing Administrator	\$25.00	\$29.00	

Note: Maximum rate shall not exceed \$86.00 per hour.

Signature of Authorized Agent
for CONSULTANT:

Signature on File _____

Date: 04/17/2024

Signature

Margaret Panatera
Print Name

Approved By COUNTY:

Signature on File _____

Date: 4/18/24

Yifang Lu, Chief Highway Engineer

EXHIBIT C

**DUPAGE COUNTY DIVISION OF TRANSPORTATION
Consultant Employee Rate Listing**

CONSULTANT: Geo Services, Inc.

PROJECT: 31st Street Multi-Use Trail, Downers Grove, Illinois; DuPage County

Classification	Rate Range		Reason for Adjustment/Addition/Deletion
	Minimum	Maximum	
Principal Engineer	\$80.00	\$86.00	
Project Manager	\$70.00	\$86.00	
Senior Geotechnical Engineer	\$50.00	\$65.00	
Engineering Geologist/CADD	\$35.00	\$55.00	
Senior Project Engineer	\$40.00	\$55.00	
Project Engineer	\$35.00	\$52.00	
Field Engineer/Traffic Flagger	\$38.00	\$53.00	
Staff Engineer	\$22.00	\$35.00	
Administrative Assistant	\$28.00	\$42.00	

Note: Maximum rate shall not exceed \$86.00 per hour.

Signature of Authorized Agent

for CONSULTANT:

Signature on File

Signature

Date: 1/9/2024

Julian Rueda

Print Name

Approved By COUNTY:

Signature on File

Yifang Lu, Chief Highway Engineer

Date: 4/3/24

Exhibit C Notes

1. The Classification represents a position within the CONSULTANT'S operation that is filled by one or more personnel that have similar duties and responsibilities.
2. This Exhibit should include all classifications that *might be* involved with the project. This avoids your resubmittal and the need to go through the approval process again.
3. Minimum rate is the lowest rate being paid to personnel for a particular classification (rounded down to nearest \$ amount).
4. Maximum rate is the top rate being paid to personnel for a particular classification considering employee raises within contract period (rounded up to nearest dollar amount). (Maximum rate at minimum rate + 15% is usually a good amount to cover contract period.)
5. Revisions to Exhibit C shall be limited to adjustments requested by the CONSULTANT to the hourly rate ranges and additions or deletions to position classifications approved by the COUNTY provided the adjustment(s) do not exceed the total compensation as stated in the AGREEMENT.

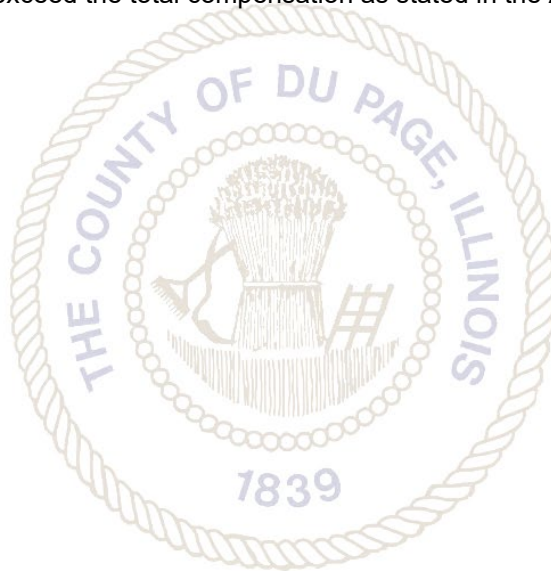


EXHIBIT D

**DU PAGE COUNTY DIVISION OF TRANSPORTATION
CONSULTANT STAFF CHANGE NOTIFICATION**

The Consulting Firm of _____
hereby notifies the COUNTY through the DIVISION OF TRANSPORTATION
that they need to reassign staff for the _____
_____ project,

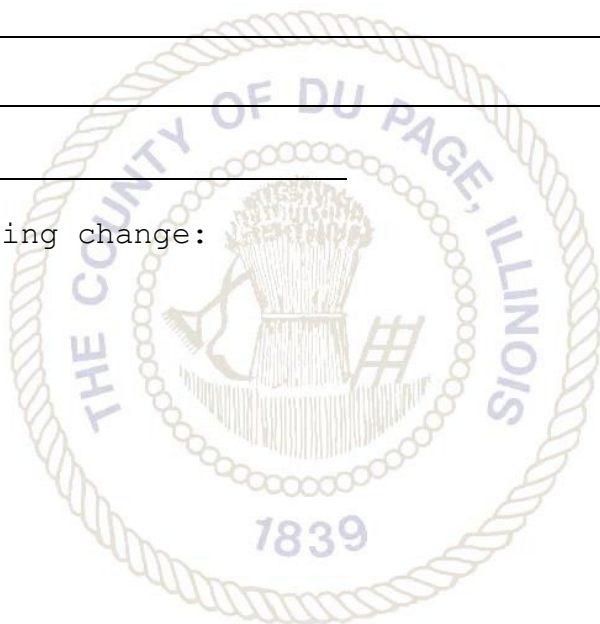
Section No. _____.

Position: _____

Person: _____

Effective date: _____

Reason for requesting change:



Proposed Replacement: _____
(attach resume)

Transition Plan: provide an outline of the steps that the CONSULTANT will take to assure adequate exchange of information and responsibility, including Principal Engineer oversight and requested involvement by COUNTY staff.



E-mail Reset Form

Prime Consultant Name	PTB Number	State Job Number(s)
Lochner		
<input checked="" type="checkbox"/> Prime <input type="checkbox"/> Supplement Date <u>03/22/24</u>		

Consultant

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>			\$0.00
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)	<input type="checkbox"/>			\$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost	<input type="checkbox"/>			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval	<input type="checkbox"/>			\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>	200	\$0.66	\$133.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	<input type="checkbox"/>			\$0.00
Vehicle Rental	Actual cost (Up to \$55/day)	<input type="checkbox"/>			\$0.00
Rental Vehicle Fuel	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Tolls	Actual cost	<input type="checkbox"/>			\$0.00
Parking	Actual cost	<input type="checkbox"/>			\$0.00
Overtime	Premium portion (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Shift Differential	Actual cost (Based on firm's policy)	<input type="checkbox"/>			\$0.00
Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Project Specific Insurance	Actual cost	<input type="checkbox"/>			\$0.00
Monuments (Permanent)	Actual cost	<input type="checkbox"/>			\$0.00
Photo Processing	Actual cost	<input type="checkbox"/>			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual cost	<input type="checkbox"/>			\$0.00



Direct Costs Check Sheet

Prime Consultant Name	PTB Number	State Job Number(s)
HW Lochner		
<input checked="" type="checkbox"/> Prime <input type="checkbox"/> Supplement		Date <u>04/09/24</u>

Consultant
 Gasperec Elberts Consulting

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>			
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)	<input type="checkbox"/>			
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost	<input type="checkbox"/>			
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval	<input type="checkbox"/>			
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input checked="" type="checkbox"/>	100	\$0.67	\$67.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	<input type="checkbox"/>			
Vehicle Rental	Actual cost (Up to \$55/day)	<input type="checkbox"/>			
Rental Vehicle Fuel	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Tolls	Actual cost	<input type="checkbox"/>			
Parking	Actual cost	<input type="checkbox"/>			
Overtime	Premium portion (Submit supporting documentation)	<input type="checkbox"/>			
Shift Differential	Actual cost (Based on firm's policy)	<input type="checkbox"/>			
Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Project Specific Insurance	Actual cost	<input type="checkbox"/>			
Monuments (Permanent)	Actual cost	<input type="checkbox"/>			
Photo Processing	Actual cost	<input type="checkbox"/>			
2-Way Radio (Survey or Phase III Only)	Actual cost	<input type="checkbox"/>			
Telephone Usage (Traffic System Monitoring Only)	Actual cost	<input type="checkbox"/>			

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
CADD	Actual cost (Max \$15/hour)	<input type="checkbox"/>			
Website	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Advertisements	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Public Meeting Facility Rental	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Public Meeting Exhibits/Renderings & Equipment	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Recording Fees	Actual cost	<input type="checkbox"/>			
Transcriptions (specific to project)	Actual cost	<input type="checkbox"/>			
Courthouse Fees	Actual cost	<input type="checkbox"/>			
Storm Sewer Cleaning and Televising	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Traffic Control and Protection	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Aerial Photography and Mapping	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Utility Exploratory Trenching	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Testing of Soil Samples*	Actual cost (Provide breakdown of costs to the Department for approval)	<input type="checkbox"/>			
Lab Services*	Actual cost (Provide breakdown of cost for each lab service to the Department's PM for approval)	<input type="checkbox"/>			
Equipment and/or Specialized Equipment Rental*	Actual cost (Rental - 2-3 quotes needed / Owned - provide depreciated value for IDOT approval)	<input type="checkbox"/>			
Traffic Counter Rental	Actual Cost	<input checked="" type="checkbox"/>	1	\$250.00	\$250.00
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
Total Direct Cost					\$317.00

*If other allowable costs are needed and not listed, please add in the above spaces provided.

LEGEND

W.O. = Work Order

J.S. = Job Specific



**Note that we previously rented TRAX Road Tube counters and RADAR counters. These are no longer available to rent. Contact your JAMAR sales representative for information on purchasing counters.*

Current Rental Equipment:
TDC Ultra Hand-held Traffic Data Collector
Includes carrying case, overlays (if needed), download cable and
PETRAPro software.

These are lightweight devices that are used for the manual collection of traffic data. The most common type of data recorded is intersection turning movements. Other types of data that can be collected with our data collectors include: classification, multi-direction gap, spot speed, stop sign delay, signalized intersection delay, and saturation flow rate.



Per Month... \$400.00

Per Week... \$200.00 (Additional week \$75)

An additional \$50 is estimated for shipping

Terms

- Rental equipment is only available in the United States.
- All Rental orders are shipped C.O.D. or prepaid credit card.



manuals. Any items not returned will be billed at standard list prices.

- All equipment not returned within three (3) days after the end of the agreement will be billed at \$25.00 per day per unit, until returned.

Analysis Software

The equipment we rent is designed to be downloaded into a computer so the data can be analyzed and reports can be produced. A temporary rental license for the software is provided for the period of your rental, plus two additional weeks. This allows you to install and use the software while you have the rental equipment, and for several weeks after the equipment is returned. Software extensions after initial expiration are \$35 per week. The software is designed for Windows (7, 8 or 10) based computers.

Additional Notes

While in a customer's possession, it is the customer's responsibility to use the equipment safely and to have it insured against theft or vandalism. This is typically done by a 30-60 day rider to your present equipment policy, and is very reasonable, often at very little cost.

There is an ample supply of equipment, but during peak season we do appreciate as much notice as possible to minimize scheduling problems, especially for large rentals. Peak rental periods are from April through Sept.

Contact us for more information.

[ORDERING INFO](#)[QUICK SUPPORT](#)



Direct Costs Check Sheet

Prime Consultant Name	PTB Number	State Job Number(s)
H. W. Lochner		
<input type="checkbox"/> Prime <input type="checkbox"/> Supplement Date <u>05/20/2024</u>		

Consultant
 Huff & Huff, Inc./GZA, GeoEnvironmental, Inc.

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>			
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)	<input type="checkbox"/>			
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost	<input type="checkbox"/>			
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval	<input type="checkbox"/>			
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input checked="" type="checkbox"/>	60	\$0.67	\$40.20
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	<input type="checkbox"/>			
Vehicle Rental	Actual cost (Up to \$55/day)	<input type="checkbox"/>			
Rental Vehicle Fuel	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Tolls	Actual cost	<input type="checkbox"/>			
Parking	Actual cost	<input type="checkbox"/>			
Overtime	Premium portion (Submit supporting documentation)	<input type="checkbox"/>			
Shift Differential	Actual cost (Based on firm's policy)	<input type="checkbox"/>			
Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Project Specific Insurance	Actual cost	<input type="checkbox"/>			
Monuments (Permanent)	Actual cost	<input type="checkbox"/>			
Photo Processing	Actual cost	<input type="checkbox"/>			
2-Way Radio (Survey or Phase III Only)	Actual cost	<input type="checkbox"/>			
Telephone Usage (Traffic System Monitoring Only)	Actual cost	<input type="checkbox"/>			

ERIS Fee Schedule for GZA PACKAGE OPTIONS

E1 ERIS REPORT + ONE	\$85*/ \$120	ERIS REPORT+FIMs
E2 ERIS REPORT + TWO	\$205	ERIS REPORT+FIMs +CHOOSE 1 (AERs, TOPOs, CD)
E3 ERIS REPORT + THREE	\$260	ERIS REPORT+FIMs +CHOOSE 2 (AERs, TOPOs, CD)
E4 ERIS REPORT + FOUR	\$285	ERIS REPORT+FIMs +AERs+TOPOs+CD
E5 ERIS REPORT + FIVE	\$395	ERIS REPORT+FIMs +AERs+TOPOs+CD+ELS
E6 ERIS REPORT + SIX	\$590	ERIS REPORT+FIMs+AERs +TOPOs+CD+ELS+COT

CD, if selected in E2–E3 includes **one** street; E4–E6 includes **two** streets.

** Price with no FIM coverage*

*Note: E1 Option – add a PSR for \$125 (no FIM coverage)/\$165 (with FIMs);
Packages E2 and above come with Physical Setting Report (PSR)*

A LA CARTE OPTIONS

Database Report	\$95	Fire Insurance Maps (FIMs)	Call
Database + PSR	\$110	Vapor Screening Tool	\$40/\$135
Environmental Lien Search (ELS)	\$145	Aerial Photo Decade Package	\$95
60-Year Chain of Title (COT)	\$335	City Directory 1 Street	\$95
ELS & COT Bundle	\$345	City Directory 2 Streets	\$115
Physical Setting Report (PSR)	\$90	Historical Topo Maps	\$95

*+ With E1 to E6 Package / ** with Db Report & ERIS Xplorer*

Please contact Nick Freeman at nfreeman@erisinfo.com or 585-808-7572



E-mail Reset Form

Prime Consultant Name	PTB Number	State Job Number(s)
H. W. Lochner		
<input checked="" type="checkbox"/> Prime <input type="checkbox"/> Supplement Date <u>03/20/24</u>		

Consultant
 Geo Services, Inc.

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>			\$0.00
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)	<input type="checkbox"/>			\$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost	<input type="checkbox"/>			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval	<input type="checkbox"/>			\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>	600	\$0.66	\$399.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	<input type="checkbox"/>			\$0.00
Vehicle Rental	Actual cost (Up to \$55/day)	<input type="checkbox"/>			\$0.00
Rental Vehicle Fuel	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Tolls	Actual cost	<input type="checkbox"/>			\$0.00
Parking	Actual cost	<input type="checkbox"/>			\$0.00
Overtime	Premium portion (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Shift Differential	Actual cost (Based on firm's policy)	<input type="checkbox"/>			\$0.00
Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			\$0.00
Project Specific Insurance	Actual cost	<input type="checkbox"/>			\$0.00
Monuments (Permanent)	Actual cost	<input type="checkbox"/>			\$0.00
Photo Processing	Actual cost	<input type="checkbox"/>			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual cost	<input type="checkbox"/>			\$0.00

DIRECT COST ITEM

DRILLING

	Quantity	Unit	Cost	Amount
Support Truck	-	DAYS	\$ 65.00	\$ -
Support Vehicle	-	DAYS	\$ 65.00	\$ -
Overnight Delivery	-	EACH	\$ 29.00	\$ -
Drilling (2 man crew) - day	40	HOUR	\$ 408.00	\$ 16,320.00
Drilling (2 man crew) - ATV	-	HOUR	\$ 456.00	\$ -
Drilling (2 man crew) - night (full time work)	-	HOUR	\$ 579.00	\$ -
Drilling (2 man crew) - ATV, night (full time work)	-	HOUR	\$ 655.00	\$ -
Drilling (2 man crew) - Overtime, Sat. and night (part time)	10	HOUR	\$ 621.00	\$ 6,210.00
Drilling (2 man crew) - Sun. and Holidays	-	HOUR	\$ 820.00	\$ -
Shelby Tube Sample - 3" diameter	5	EACH	\$ 29.00	\$ 145.00
Bentonite/Cement Grouting (materials)	360	FOOT	\$ 6.00	\$ 2,160.00
Rock Coring Bit Wear	-	FOOT	\$ 13.00	\$ -
Rock Core Box - Cardboard	-	EACH	\$ 29.00	\$ -
Low Boy - ATV Mobilization (4 hour minimum)	-	HOUR	\$ 267.00	\$ -
Bridge Deck Patch	-	EACH	\$ 60.00	\$ -
Signs, cones	5	DAY	\$ 148.00	\$ 740.00
Lights	-	DAY	\$ 118.00	\$ -
Generator	-	DAY	\$ 118.00	\$ -
Steam Cleaner	-	DAY	\$ 148.00	\$ -
Flagger	-	HOUR	\$ 126.00	\$ -
Flagger, OT, Sat, Night	-	HOUR	\$ 189.00	\$ -
Hand Auger Crew, Clearing/Grubbing 2 Man Crew	-	HOUR	\$ 236.00	\$ -
Hand Auger Crew, Clearing/Grubbing 2 Man Crew OT, Sat.	-	HOUR	\$ 354.00	\$ -
Hand Auger Crew, Clearing/Grubbing 2 Man Crew Sun, Holiday	-	HOUR	\$ 471.00	\$ -
Pavement Core Rig, Vehicle and 1 Man Crew	-	HOUR	\$ 236.00	\$ -
Pavement Core Rig, Vehicle and 1 Man Crew OT, Sat, night	-	HOUR	\$ 354.00	\$ -
Pavement Core Rig, Vehicle and 1 Man Crew Sun, Holiday	-	HOUR	\$ 471.00	\$ -
Pavement Core - Bit Wear 4" diameter	-	INCH	\$ 4.00	\$ -
Pavement Core - Bit Wear 6" diameter	-	INCH	\$ 5.00	\$ -
Roadway Shoulder Closure - day	-	EACH	\$ 236.00	\$ -
Core/Bore Patch	-	EACH	\$ 18.00	\$ -
Mapping Grade GPS	2	DAY	\$ 118.00	\$ 236.00
Vane Shear Equipment	-	DAY	\$ 236.00	\$ -
Railroad Permits (estimated-at cost)	-	LS	\$ 2,953.00	\$ -

DRILLING TOTAL	\$ 25,811.00
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LABORATORY TESTING (SOIL and ROCK)

Moisture Content (T265/D2216)	-	EACH	\$ 7.00	\$ -
Routine Testing includes % Moisture, Classification & Pocket Penetrometer Test	144	EACH	\$ 19.00	\$ 2,736.00
Torvane Test	-	EACH	\$ 7.00	\$ -
Extrude Shelby Tube	-	EACH	\$ 15.00	\$ -
Atterberg Limits (Single Point) (T89 & 90/D4318)	5	EACH	\$ 75.00	\$ 375.00
Atterberg Limits (Multiple Point) (T89 & 90/D4318)	-	EACH	\$ 146.00	\$ -
Particle Size Analysis, no hydrometer (T311/D6913)	-	EACH	\$ 109.00	\$ -
Particle Size Analysis, with hydrometer (T88/D422)	5	EACH	\$ 133.00	\$ 665.00
No. 200 Wash Sieve Analysis (only) (T11/D1140)	-	EACH	\$ 48.00	\$ -
RIMAC Compression Test (IDOT)	-	EACH	\$ 13.00	\$ -
Unconfined Compressive Strength Qu (T208/D2166)	-	EACH	\$ 61.00	\$ -
Dry Density (Unit Weight) (D7263)	-	EACH	\$ 6.00	\$ -
Specific Gravity (Soil) (T100/D854)	-	EACH	\$ 72.00	\$ -
pH of Soil (D4972)	-	EACH	\$ 24.00	\$ -
Organic Content - loss on ignition (T267/D2987)	-	EACH	\$ 72.00	\$ -
Organic Content - wet combustion (T194)	5	EACH	\$ 140.00	\$ 700.00
Consolidation - 16 tsf (T216/D2435)	-	EACH	\$ 621.00	\$ -
Consolidation - 32 tsf (T216/D2435)	-	EACH	\$ 754.00	\$ -
Triaxial Unconsolidated Undrained (UU) (3-points) (T296/D2850)	-	EACH	\$ 486.00	\$ -
Triaxial Consolidated Undrained (CU) (3 points) (T297/D4767)	-	EACH	\$ 1,156.00	\$ -
Triaxial (remolding of sample) per point	-	EACH	\$ 124.00	\$ -
Hydraulic Conductivity flexible wall (permeability) (D5084)	-	EACH	\$ 365.00	\$ -
Hydraulic Conductivity (remold sample) per point	-	EACH	\$ 61.00	\$ -
Hydraulic Conductivity ridged wall (permeability) (D5856)	-	EACH	\$ 365.00	\$ -
Moisture Density Relationship (Proctor) (T99 & 180/D698 & 1557)	-	EACH	\$ 230.00	\$ -
Moisture Density (Proctor) with Oversize Correction (T224/D4718)	-	EACH	\$ 292.00	\$ -
Moisture Density Relationship (Proctor) with % Lime (D558)	-	EACH	\$ 244.00	\$ -
IDOT Lime Stabilized Soil Test	-	EACH	\$ 425.00	\$ -
Illinois Bearing Ratio (IBR)	-	EACH	\$ 547.00	\$ -
Illinois Immediate Bearing Value (IBV)	-	EACH	\$ 547.00	\$ -
California Bearing Ratio CBR (T193/D1883)	-	EACH	\$ 591.00	\$ -
Slag Expansion Test (D4792)	-	EACH	\$ 911.00	\$ -
Soil Resistivity (Lab) (T288/G187)	-	EACH	\$ 244.00	\$ -
Rock Unconfined Compressive Strength (D7012)	-	EACH	\$ 61.00	\$ -
Rock Tensile Strength (D3967)	-	EACH	\$ 91.00	\$ -
Topsoil Analysis (IL Dept. Ag.) pH, Wet Combustion & No. 200 Wash Sieve	-	EACH	\$ 213.00	\$ -

LABORATORY TESTING TOTAL	\$ 4,476.00
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