

Board of Public Works and Safety

Agenda Item

Cover Sheet

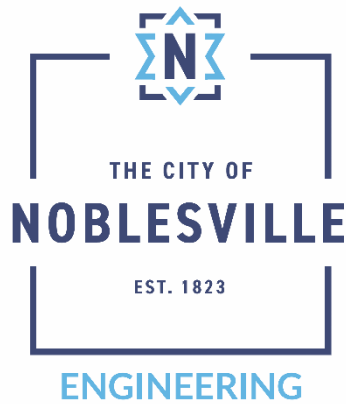
MEETING DATE: May 27, 2025

- ☐ Consent Agenda Item
- ☒ New Item for Discussion
- ☐ Previously Discussed Item
- ☐ Miscellaneous

ITEM #: 10

INITIATED BY: Jim Hellmann

- ☒ Information Attached
- ☐ Verbal
- ☐ No Paperwork at Time of Packets



TO: NOBLESVILLE BOARD OF PUBLIC WORKS AND
FROM: JIM HELLMANN, ASST. CITY ENGINEER, ENGINEERING
SUBJECT: DESIGN CONTRACT WITH LOCHMUELLER FOR
141ST STREET AND HOWE ROAD ROUNDABOUT (OFA 026.2502-01)
DATE: May 27, 2025

The city applied for grant funding from the Indianapolis MPO in 2024 for various projects. The intersection of 141st Street and Howe Road was one of two Noblesville projects selected through the MPO's process. This project was awarded just over \$2.0M in funds to replace the intersection with a roundabout intersection in State Fiscal Year 2028 (7/1/2027 thru 6/30/2028). This agreement is with Lochmueller Group.

I recommend the Board of Public Works approve the contract

In advance, I greatly appreciate your consideration of this request.



SERVICES AGREEMENT

This Services Agreement (hereinafter referred to as “Agreement”), entered into by and between the **City of Noblesville, Indiana, a municipal corporation** (hereinafter referred to as “City”) and **Lochmueller Group, Inc.** hereinafter referred to as “Contractor”), and its successors and assigns, is executed pursuant to the terms and conditions set forth herein. In consideration of those mutual undertakings and covenants, the parties agree as follows:

SECTION I. INTERPRETATION AND INTENT

- 1.1 The “Agreement”, as referred to herein, shall mean this Agreement executed by City and Contractor, and shall include this Services Agreement and the **Exhibit A** attached hereto, and any written supplemental agreement or modification entered into between City and Contractor, in writing, after the date of this Agreement.
- 1.2 This Agreement constitutes the entire agreement between the parties and supersedes all prior agreements, written or verbal, between City and Contractor. No statements, promises or agreements whatsoever, in writing or verbal, in conflict with the terms of the Agreement have been made by City or Contractor which in any way modify, vary, alter, enlarge or invalidate any of the provisions and obligations herein stated. This Agreement may be amended and modified only in writing signed by both City and Contractor.
- 1.3 In resolving conflicts, errors, discrepancies and disputes concerning the scope of the work or services to be performed by Contractor or other rights or obligations of City or Contractor the document or provision thereof expressing the greater quantity, quality or scope of service or imposing the greater obligation upon Contractor and affording the greater right or remedy to City, shall govern.
- 1.4 Any interpretation applied to this Agreement, by the parties hereto, by an arbitrator, court of law, or by any other third party, shall not be made against City solely by virtue of City or City’s representatives having drafted all or any portion of this Agreement.
- 1.5 This Agreement shall include, and incorporate by reference, any provision, covenant or condition required or provided by law or by regulation of any state or federal regulatory or funding agency.

SECTION II. DUTIES OF CONTRACTOR

- 2.1 Contractor shall provide services as specified in **Exhibit A**, attached hereto and incorporated into this Agreement.

SECTION III. TERM

- 3.1 The term of this Agreement shall begin upon execution and terminate December 31st, 2028, (“Termination Date”) unless terminated earlier in accordance with this Agreement.

SECTION IV. COMPENSATION

- 4.1 Contractor proposes to furnish all labor, materials and supplies in accordance with the conditions of this Agreement necessary to complete the work as defined in **Exhibit A**.

Compensation shall not exceed Four Hundred Seventy Nine Thousand Five Hundred Forty Dollars (\$479,540).

- 4.2 Funding for a multi-year agreement is not guaranteed. All of the City's obligations under this Agreement shall be subject to annual appropriation and shall not constitute a general obligation or indebtedness of the City.

SECTION V. GENERAL PROVISIONS

- 5.1 Independent Contractor. The parties agree that Contractor is an independent contractor as that term is commonly used and is not an employee of the City. As such, Contractor is solely responsible for all taxes and none shall be withheld from the sums paid to Contractor. Contractor acknowledges that it is not insured in any manner by City for any loss of any kind whatsoever. Contractor has no authority, express or implied, to bind or obligate City in any way.

- 5.2 Subcontracting.

Approval required. The parties agree that Contractor shall not subcontract, assign or delegate any portion of this Agreement or the services to be performed hereunder without prior written approval of City. In the event that City approves of any such subcontracting, assignment or delegation, Contractor shall remain solely responsible for managing, directing and paying the person or persons to whom such responsibilities or obligations are sublet, assigned or delegated. City shall have no obligation whatsoever toward such persons. Contractor shall take sole responsibility for the quality and quantity of any services rendered by such persons. Any consent given in accordance with this provision shall not be construed to relieve Contractor of any responsibility for performing under this Agreement.

- 5.3 Necessary Documentation. N/A

- 5.4 Records; Audit. Contractor shall maintain books, records, documents and other evidence directly pertinent to performance of services under this Agreement. Contractor shall make such materials available at its offices at all reasonable times during the Agreement period copies thereof, if requested, shall be furnished at no cost to City.

- 5.5 Ownership.

5.5.1 "Works" means works of authorship fixed in any tangible medium of expression by Contractor or its officers, employees, agents or subcontractors in the course of performing the services under this Agreement, including, but not limited to, computer programs, electronic art, computer generated art, notes, specifications, drawings, flow charts, memoranda, correspondence, records, notebooks, documentation, reports and charts, regardless of the medium in which they are fixed, and all copies thereof.

5.5.2 All Works made or created by Contractor, either solely or jointly with City, in the course of Contractor's performance of services under this Agreement shall be deemed to be works for hire and are and shall be the exclusive property of City. At City's request, Contractor will execute all documents reasonably required to

confirm or perfect ownership of such Works and any corresponding copyright rights in and to such Works in City. Without the prior written consent of City, Contractor shall not use, copy or prepare derivative works of the Works, or any parts of them, other than as related to the performance of this Agreement. During the performance of this Agreement, Contractor shall be responsible for loss or damage to the Works while they are in Contractor's possession or control. Any loss or damage shall be restored at Contractor's expense. City shall have free and unlimited access to the Works at all times and, upon demand, shall have the right to claim and take possession of the Works and all copies. Notwithstanding the foregoing, Contractor shall be entitled to retain a set of its work papers for archival purposes only, in accordance with applicable professional standards.

5.6 Insurance.

Minimum Insurance Requirements. Prior to commencing Work, the Contractor shall purchase and maintain from insurance companies lawfully authorized to do business in Indiana policies of insurance acceptable to the City, which afford the coverages set forth below. Insurance shall be written for not less than limits of liability specified or required by law, whichever coverage is greater, and shall include coverage for Contractor's indemnification obligations contained in this Agreement. Certificates of Insurance acceptable to the City shall be given to the City prior to commencement of the Work and thereafter upon renewal or replacement of each required policy of insurance. Each policy must be endorsed to provide that the policy will not be cancelled or allowed to expire until at least thirty (30) days' prior written notice has been given to the City; provided however that such policies may be cancelled with only ten (10) days' prior notice for non-payment of premium. The required coverages and limits which Contractor is required to obtain are as follows:

A. Commercial General Liability

Limits of Liability:	\$2,000,000 General Aggregate
	\$2,000,000 Products & Completed Ops.
	\$1,000,000 Bodily Injury / Prop. Damage
	\$1,000,000 Personal / Advertising Injury
	\$1,000,000 Each Occurrence

B. Auto Liability

Limits of Liability:	\$500,000 Per Accident
Coverage Details	All owned, non-owned, & hired vehicles

C. Workers Compensation and Employer's Liability

As required by Indiana law.

D. Professional/Errors & Omissions Liability

Limits of Liability	\$1,000,000 Each Occurrence
	\$2,000,000 Aggregate

All coverage provided above shall be endorsed to include the City as an additional insured except for the Worker's Compensation / Employer's Liability and Professional/Errors & Omissions policy.

5.7 Termination for Cause or Convenience.

5.7.1 If Contractor becomes insolvent, or if it refuses or fails to perform the work and services provided by this Agreement, or if it refuses to perform disputed work or services as directed pending resolution of such dispute, or if it fails to make payments to subcontractors employed by it, or if it otherwise violates or fails to perform any term, covenant or provision of this Agreement, then City may, without prejudice to any other right or remedy, terminate this Agreement in whole or in part, in writing, provided that Contractor shall be given (1) not less than ten (10) calendar days written notice of City's intent to terminate, and (2) an opportunity for consultation with City prior to termination. In determining the amount of final payment to be made to Contractor upon such termination for default, if any, no amount shall be allowed for anticipated profit on unperformed services or other work; furthermore, an adjustment shall be made to the extent of any additional costs incurred or reasonably foreseen by City to be incurred by reason of Contractor's default.

5.7.2 This Agreement may be terminated in whole or in part in writing by City for City's convenience; provided that Contractor is given (1) not less than ten (10) calendar days written notice of intent to terminate and (2) an opportunity for consultation with City prior to termination. If City terminates for convenience, Contractor's compensation shall be equitably adjusted.

5.7.3 Upon receipt of notice of termination for default or for City's convenience, Contractor shall (1) promptly discontinue all services affected, unless the termination notice directs otherwise, and (2) deliver or otherwise make available to City all Works and such other information, materials or documents as may have been accumulated by Contractor in performing this Agreement, whether completed or in process.

5.7.4 If, after termination for Contractor's default, it is determined that Contractor was not in default, the termination shall be deemed to have been made for the convenience of City. In such event, adjustment of the price provided for in this Agreement shall be made as provided in Section 5.7.1 and the recovery of such price adjustment shall be Contractor's sole remedy and recovery.

5.8 Termination for Failure of Funding. Notwithstanding any other provision of this Agreement, if funds for the continued fulfillment of this Agreement by City are at any time insufficient or not forthcoming through failure of any entity to appropriate funds or otherwise, then City shall have the right to terminate this Agreement without penalty by

giving written notice documenting the lack of funding, in which instance this Agreement shall terminate and become null and void on the last day of the fiscal period for which appropriations were received. City agrees that it will make its best efforts to obtain sufficient funds, including but not limited to, requesting in its budget for each fiscal period during the term hereof sufficient funds to meet its obligations hereunder in full.

- 5.9 Indemnification. To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the City and its board, agents and employees of any of them (“Indemnitees”) from and against claims, damages, losses and expenses, including but not limited to attorneys’ fees and court costs and other expenses, arising out of or resulting from any negligent acts, errors, or omissions of the Work. The Contractor’s indemnification under this Section shall survive both final payment and the termination of this Agreement.
- 5.10 Notice. Any notice required to be sent under this Agreement shall be sent by internationally recognized overnight courier, certified mail, or other delivery method which provides confirmation of receipt and shall be directed to the persons and addresses specified below (or such other persons and/or addresses as any party may indicate by giving notice to the other party):

To Contractor:
Lochmueller Group, Inc.
Attn: Dave Henkel
3502 Woodview Trace #150
Indianapolis, IN 46268

To City:
City of Noblesville
Attn: City Engineer
16 S. 10th Street
Noblesville, IN 46060

Courtesy Copy:
City Attorney
16 S. 10th Street
Noblesville, IN 46060

- 5.11 Disputes. Contractor shall carry on all work required under this Agreement and maintain the schedule for services during all disputes or disagreements with City. No work shall be delayed or postponed pending resolution of any disputes or disagreements except as Contractor and City may otherwise agree in writing. Should Contractor fail to continue to perform its responsibilities as regards all non-disputed work without delay, any additional costs incurred by City or Contractor as a result of such failure to proceed shall be borne by Contractor, and Contractor shall make no claim against the City for such costs. City may withhold payments on disputed items pending resolution of the dispute.
- 5.12 Non-discrimination. The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin. The Contractor will take affirmative action to ensure that applicants are employed without regard to their race, color, religion, sex, age or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion or

transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

5.13 Conflict of Interest.

5.13.1 Contractor certifies and warrants to City that neither it nor any of its officers, agents, employees, or subcontractors who will participate in the performance of any services required by this Agreement has or will have any conflict of interest, direct or indirect, with City.

5.13.2 For purposes of compliance with IC 36-1-21, Contractor certifies and warrants to City that Contractor, or a person who wholly or partially owns Contractor, is not a relative, as that term is defined by IC 36-1-21-3, of an elected official of Noblesville, Indiana.

5.14 Non-contingent Fees. Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees. For breach or violation of this warranty City shall have the right to annul this Agreement without liability or in its discretion to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.

5.15 Force Majeure. In the event that either party is unable to perform any of its obligations under this Agreement – or to enjoy any of its benefits – because of fire, explosion, power blackout, natural disaster, strike, embargo, labor disputes, war, terrorism, acts of God, acts or decrees of governmental bodies or other causes beyond such party's reasonable control (hereinafter referred to as Force Majeure Event), the party who has been so affected shall immediately give notice to the other and shall take commercially reasonable actions to resume performance. Upon receipt of such notice, all obligations under this Agreement shall immediately be suspended except for payment obligations with respect to service already provided. If the period of nonperformance exceeds sixty (60) days from the receipt of the Force Majeure Event, the party whose ability to perform has not been so affected may, by giving written notice, terminate this Agreement.

5.16 Applicable Laws; Forum.

5.16.1 Contractor agrees to comply with all applicable federal, state and local laws, rules, regulations or ordinances, and all provisions required thereby to be included in this Agreement are hereby incorporated by reference. This includes, but is not limited to, the Federal Civil Rights Act of 1964 and, if applicable, the Drug-Free Workplace Act of 1988. The enactment of any state or federal statute or the promulgation of regulations thereunder after execution of this Agreement shall be reviewed by City and Contractor to determine whether the provisions of the Agreement require formal modification.

5.16.2 This Agreement shall be construed in accordance with the laws of the State of Indiana, and by all applicable Municipal Ordinance or Codes of the City of

Noblesville, County of Hamilton. Suit, if any, shall be brought in the State of Indiana, County of Hamilton.

- 5.17 Waiver. City's delay or inaction in pursuing its remedies set forth in this Agreement, or available by law, shall not operate as a waiver of any of City's rights or remedies.
- 5.18 Severability. If any provision of this Agreement is held to be invalid, illegal, or unenforceable by a court of competent jurisdiction, the provision shall be stricken, and all other provisions of this Agreement which can operate independently of such stricken provisions shall continue in full force and effect.
- 5.19 Attorneys' Fees. Contractor shall be liable to City for reasonable attorneys' fees incurred by City in connection with the collection or attempt to collect, any damages arising from the negligent or wrongful act or omission of Contractor, or from Contractor's failure to fulfill any provisions or responsibility provided herein.
- 5.20 Successors and Assigns. City and Contractor each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Agreement; except as otherwise provided herein, Contractor shall not assign, sublet or transfer its interest in this Agreement without the written consent of City. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of City or the Contractor.
- 5.21 Authority to Bind Contractor. Notwithstanding anything in this Agreement to the contrary, the signatory for Contractor represents that he/she has been duly authorized to execute agreements on behalf of Contractor and has obtained all necessary or applicable approval from the home office of Contractor to make this Agreement fully binding upon Contractor when his/her signature is affixed and accepted by City.
- 5.22 Debarment and Suspension
- 5.22.1 Contractor certifies, by entering into this Agreement, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from or ineligible for participation in any Federal assistance program by any Federal department or agency, or by any department, agency or political subdivision of the State of Indiana. The term "principal" for purposes of this Agreement means an officer, director, owner, partner, key employee, or other person with primary management or supervisory responsibilities, or a person who has a critical influence on or substantive control over the operations of Contractor.
- 5.22.2 Contractor certifies, by entering into this Agreement, that it does not engage in investment activities in Iran as more particularly described in IC 5-22-16.5.
- 5.22.3 Contractor shall provide immediate written notice to City if, at any time after entering into this Agreement, Contractor learns that its certifications were erroneous when submitted, or Contractor is debarred, suspended, proposed for debarment, declared ineligible, has been included on a list or received notice of

intent to include on a list created pursuant to IC 5-22-16.5, voluntarily excluded from or becomes ineligible for participation in any Federal assistance program. Any such event shall be cause for termination of this Agreement as provided herein.

5.22.4 Contractor shall not subcontract with any party which is debarred or suspended or is otherwise excluded from or ineligible for participation in any Federal assistance programs by any Federal department or agency, or by any department, agency or political subdivision of the State of Indiana.

5.23 Compliance With E-Verify Program. Pursuant to IC 22-5-1.7, Contractor shall enroll in and verify the work eligibility status of all newly hired employees of Contractor through the E-Verify Program ("Program"). Contractor is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists.

5.23.1 Contractor and its subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that Contractor or its subcontractor subsequently learns is an unauthorized alien. If Contractor violates this Section 5.23, City shall require Contractor to remedy the violation not later than thirty (30) days after City notifies Contractor. If Contractor fails to remedy the violation within the thirty (30) day period, City shall terminate the contract for breach of contract. If City terminates the contract, Contractor shall, in addition to any other contractual remedies, be liable to City for actual damages. There is a rebuttable presumption that Contractor did not knowingly employ an unauthorized alien if Contractor verified the work eligibility status of the employee through the Program.

5.23.2 If Contractor employs or contracts with an unauthorized alien but City determines that terminating the contract would be detrimental to the public interest or public property, City may allow the contract to remain in effect until City procures a new contractor.

5.23.3 Contractor shall, prior to performing any work, require each subcontractor to certify to Contractor that the subcontractor does not knowingly employ or contract with an unauthorized alien and has enrolled in the Program. Contractor shall maintain on file a certification from each subcontractor throughout the duration of the Project. If Contractor determines that a subcontractor is in violation of this Section 5.23, Contractor may terminate its contract with the subcontractor for such violation.

5.23.4 Pursuant to IC 22-5-1.7 a fully executed affidavit affirming that the business entity does not knowingly employ an unauthorized alien and confirming Contractor's enrollment in the Program, unless the Program no longer exists, shall be filed with City prior to the execution of this Agreement. This Agreement shall not be deemed fully executed until such affidavit is filed with the City.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the dates subscribed below.

Lochmueller Group, Inc. ("Contractor")

By: David A. Henkel

Date: 5/12/25

Printed: David A. Henkel, PE, PTOE

Title: Central IN Regional Leader

Approved by the Board of Public Works and Safety of the City of Noblesville this _____
day of _____ 202_.

JACK MARTIN, PRESIDENT

JOHN DITSLEAR, MEMBER

LAURIE DYER, MEMBER

ROBERT J. ELMER, MEMBER

RICK L. TAYLOR, MEMBER

ATTEST:

EVELYN L. LEES, CLERK
CITY OF NOBLESVILLE, INDIANA

E-Verify Affidavit

Pursuant to Indiana Code 22-5-1.7-11, the Contractor entering into a contract with the City is required to enroll in and verify the work eligibility status of all its newly hired employees through the E-Verify program. The Contractor is not required to verify the work eligibility status of all its newly hired employees through the E-Verify program if the E-Verify program no longer exists.

The undersigned, on behalf of the Contractor, being first duly sworn, deposes and states that the Contractor does not knowingly employ an unauthorized alien. The undersigned further affirms that, prior to entering into its contract with the City, the undersigned Contractor will enroll in and agrees to verify the work eligibility status of all its newly hired employees through the E-Verify program.

(Contractor): Lochmueller Group, Inc.
By (Written Signature): David A. Henkel
(Printed Name): David A. Henkel, PE, PTOE
(Title): Central IN Regional Leader

Important - Notary Signature and Seal Required in the Space Below

STATE OF Indiana
COUNTY OF Marion

SS:

Subscribed and sworn to before me this 12 day of May,
20 25.

My commission expires: 8/31/2031 (Signed) Carla Mae Kassie

a. Residing in Marion County, State of Indiana

Commission # NPO672403



EXHIBIT "A"

SERVICES TO BE FURNISHED BY CONTRACTOR:

In fulfillment of this Contract, the CONTRACTOR shall comply with the requirements of the appropriate regulations and requirements of the Indiana Department of Transportation and Federal Highway Administration.

The CONTRACTOR shall be responsible for performing the following activities:

- Task – 1 Project Management**
- Task – 2 Environmental Services**
- Task – 3 Topographical Survey**
- Task – 4 Right-of-Way Engineering**
- Task – 5 Right-of-Way Services**
- Task – 6 Traffic Engineering and Planning**
- Task – 7 Road Design and Plan Development**
- Task – 8 Lighting Design and Plan Development**
- Task – 9 Utility Coordination Services**
- Task – 10 Hydraulic Engineering**
- Task – 11 Construction Phase Services**
- Task – 12 Services Not Covered**

1.0 PROJECT MANAGEMENT:

- 1.1 Project Management will include all Owner and internal communication and coordination with our subconsultants, monthly project reporting, schedule updates, etc. Monthly progress reports will include progress from the last report, anticipated upcoming work, project schedule, items needed from the City, scope changes if any, and total project cost estimate. It also includes all aspects of coordination and communication of the project process with the City and other agencies as required to discuss expectations, priorities, design criteria, design findings, unforeseen field conditions, etc.
- 1.2 This task also includes the following meetings:
 - 1.2.1 One (1) scoping and project kick-off meeting with the City.
 - 1.2.2 Up to twenty-seven (27) monthly virtual progress meetings with the City.

2.0 ENVIRONMENTAL SERVICES:

The services described herein involve the performance of the necessary steps to prepare and deliver a State Environmental Protection Act (SEPA) Compliant Environmental Assessment (EA) for the proposed roundabout intersection improvement at 141st Street and Howe Road, in Hamilton County, Indiana. All services will be developed in accordance with State Form 54278 (Environmental Assessment for Major State Actions). It is anticipated that the SEPA EA will culminate in a Finding of No Significant Effect.

- 2.1 Project Organization/Coordination – This task includes all management and coordination activities associated with the preparation of the required environmental work for a period of six (6) months.

- 2.1.1 Client/Subconsultant Contract Coordination – As part of this task, the CONTRACTOR shall perform file management, review of project budget and coordination of subconsultant work.
- 2.2 SEPA – The CONTRACTOR shall carry out environmental analyses and develop the appropriate level of SEPA documentation for the project in accordance with environmental procedures as determined by the anticipated project impacts. The tasks to be performed shall include the following items.
 - 2.2.1 Field Inspection –Complete a field inspection of the proposed area. The field inspection shall include a survey by two representatives of the environmental team to document potential environmental resources for early coordination documentation. This task also includes preparation and mobilization for field work and is anticipated to be completed in one day.
 - 2.2.2 Flag Investigation (RFI) – Conduct a RFI for the project. The RFI will include a preliminary analysis of publicly available infrastructure, geological, and hydrological resources within the project corridor. A narrative summary and maps depicting findings of the RFI will be produced. The RFI may be prepared using the INDOT RFI format, however, the document will not follow the INDOT Site Assessment & Management (SAM) guidance (2021) guidance. The IDEM Virtual File Cabinet will NOT be reviewed to assess the potential for sites requiring additional investigation. If after completion of the RFI it is determined the project will require a Phase I Initial Site Assessment (ISA), Phase II Limited Site Investigation (LSI), or development of a remediation work plan, the services required to complete these additional investigations will be considered out of scope and additional or supplemental services will be required.
 - 2.2.3 Early Coordination – Develop early coordination packages (including letters, general location mapping, Red Flag Investigation maps, and photographs) and distribute to the appropriate resource agencies listed in the most recent *INDOT Categorical Exclusion Manual*.
 - 2.2.4 Protected Species Coordination – This task includes coordination with the U.S. Fish and Wildlife Service (USFWS) and Indiana Department of Natural Resources, Division of Fish and Wildlife to determine if the project will have an effect on threatened or endangered (T&E) species. This includes the Indiana Bat and northern long-eared bat (NLEB). It is anticipated that the project effect finding for endangered bat species will be “May Affect, Not Likely to Adversely Affect.” No additional T&E species are anticipated to be identified in the project area and no formal consultation is anticipated to be required. Should formal consultation be required, that work would be considered as additional work and a change in scope would be required.
 - 2.2.5 Archaeological Investigation– The CONTRACTOR’s services under this Agreement expressly exclude archaeological investigations associated with work under Indiana Code (IC) 13-12-4. The CONTRACTOR shall not be responsible for conducting, coordinating, or obtaining any archaeological surveys, site evaluations, or assessments that may be required under the Indiana Historic Preservation and Archaeology Act (IHPPA) (I.C. 14-21-1-18).

The CLIENT acknowledges and accepts responsibility for compliance with applicable federal, state, and local historic preservation and archaeological laws, including but not limited to IC 14-21-1 (Historic Preservation and Archaeology), rests solely with the CLIENT. This includes, without limitation, any necessary coordination with the Indiana Department of Natural Resources – Division of Historic Preservation and Archaeology (DHPA) and/or the State Historic Preservation Officer (SHPO), as well as any required documentation, permitting, or mitigation measures.

To the CONTRACTOR's knowledge, based on publicly available data at the time of this Agreement, there are no known historic sites or historic structures within the project area that are owned by the State of Indiana or listed in either the Indiana Register of Historic Sites and Structures (State Register) or the National Register of Historic Places (NRHP or National Register). If such resources are later identified or discovered, the CLIENT shall be solely responsible for addressing any resulting requirements or obligations under applicable laws and regulations.

The CONTRACTOR may assist the CLIENT in identifying the need for such compliance or coordination if potential impacts to historic or archaeological resources are encountered during the course of the project; however, such assistance shall be considered outside the scope of this Agreement and subject to a separate amendment or scope of services.

- 2.2.6 Air Quality Coordination – Air quality compliance, including any required conformity determinations, shall be the sole responsibility of the CLIENT and/or the Indianapolis Metropolitan Planning Organization (IMPO) and shall be completed prior to the State Environmental Policy Act (SEPA) documentation. Although the project is funded through the state, it is appropriate and necessary for the project to be identified in both the IMPO's Transportation Improvement Program (TIP) and the State Transportation Improvement Program (STIP). The process of TIP/STIP listing can be time-intensive and is dependent upon the identification of funding.

The IMPO is responsible for completing the necessary air quality analysis as part of their project review and listing process. Should additional meetings, follow-up coordination, or any form of air quality analysis or documentation be required, such services shall be considered outside the current scope and will require a written amendment to this Agreement to authorize additional work and associated compensation.

- 2.2.7 Assessment of Other Impacts – This includes a review of the following resources categories in accordance with the State Environmental Assessment (EA) Form 54278 (R/2-11):
- Natural or Manmade Features
 - Fish, Wildlife, or Plant Life

- Endangered Species
- State freshwater or wetlands
- Agriculture or Forestry
- Floodplains
- State Water Resources
- Scenic Value
- Permits

2.2.8 Environmental Assessment Documentation – A State Environmental Assessment (EA) will be prepared using State Form 54278 (R/2-11) in accordance with current regulations and guidance documents. The draft document will be submitted by the CONTRACTOR to the client or their agent for review and comment. Comments received will be evaluated by the CONTRACTOR and appropriate revisions and/or responses will be completed by the CONTRACTOR and incorporated into an updated EA. The revised EA will be resubmitted to the client or their agent for document approval.

2.3 Wetland Delineation/“Waters of the State/U.S.” Investigation – Prepare a Wetland Delineation/Waters Report to document the presence of wetlands and other aquatic resources that are regulated by the USACE and/or Indiana Department of Environmental Management (IDEM). The Wetland Delineation/Waters of the U.S. Report will include the location of wetlands or waterways and coordination with the design engineers regarding avoidance alternatives for the proposed project. The Report will be prepared in accordance with the U.S. Army Corps of Engineers (USACE) Wetland Delineation Manual (1987) and guidance provided by the USACE since 1991, including the appropriate Regional Supplement to the Corps of Engineers Wetland Delineation Manual. The report will not follow the INDOT *Waters of the United States (WOTUS) Documentation Manual*, revised February 6, 2019. This document does not include the preparation, completion, or submittal of any current Indiana Department of Environmental Management (IDEM) forms or documentation required for compliance with Indiana’s State Regulated Wetlands Program, including but not limited to forms related to state isolated wetlands pursuant to IC 13-18-22 and associated administrative rules.

2.4 Permits

2.4.1 Construction Stormwater General Permit – This task includes the completion of the IDEM CSGP required for all projects that impact more than one (1) acre of land in accordance with the most current INDOT EWPSO and IDEM guidelines. Complete the Storm Water Pollution Prevention Plan (SWPPP) and will include marking up the plan set provided by the designer with appropriate erosion and sediment control measures and returning to the designer for incorporation into the overall design plans along with the completion of the NOI (Notice of Intent) for the project. The design team will provide all necessary drawings to complete this task.

2.4.2 Hamilton County Legal Drain Permit – Gather necessary landowner information, survey information, and design information and package the information into a permit application for the Hamilton County Drainage Board to approve the encroachment of the regulated drain. This task does not include attending any

Drainage Board Meetings. If attendance at any Drainage Board Meetings is required, a supplemental will be required to cover the additional cost of attending the meeting.

2.4.3 Services Not Provided by the CONTRACTOR The following services are not included in the CONTRACTOR's scope:

- Archaeological Investigations
- Air Quality Coordination
- Public Involvement
- IDEM 401 WQC/USACE 404 Permits
- Indiana State Regulated Wetland Permit (also known as IDEM Isolated Wetland Permit)

3.0 TOPOGRAPHICAL SURVEY: Performing the following services and phases to complete the project development:

3.1 Field survey data shall be in conformance with the requirements of Title 865 IAC 1-12 et sequential.

3.2 Provide full topographic route survey along a section of 141st Street in Hamilton County, Indiana. Survey limits are generally described as follows:

3.2.1 The limits of the area for the RAB topographic route survey start approximately 700 feet west of the intersection of 141st Street with Howe Road and extend eastward approximately 1,250 feet along both sides of 141st Street to a point approximately 550 feet east of the intersection of 141st Street with Howe Road, extending outward from the roadway centerline a varying width of 40 – 170 feet on both sides of 141st Street as shown on Exhibit “1.0” (Survey Limits).

3.2.2 Howe Road starting approximately 375 feet south of the intersection of Howe Road with 141st Street and continuing northward approximately 930 feet along both sides of Howe Road to a point approximately 555 feet north of the intersection of Howe Road with 141st Street, extending outward from the roadway centerline a varying width of 40 – 70 feet on both sides of Howe Road as shown on Exhibit “1.0” (Survey Limits).

3.2.3 The topographic survey data will be combined into an electronic 3D CAD drawing with a contoured surface model with one-foot contours, associated break-lines and topographic features.

3.3 As a minimum, the topographic survey shall include the location and elevation of all visible features, including but not limited to building corners and overhangs, paved and gravel surfaces, guardrail, posts, fences, gates, driveways, field entrances, sidewalk surfaces, individual trees (except limits only of heavily wooded areas), shrubs, landscaping areas, signs, poles, posts, manholes, risers, valves, meters, pits, etc.

3.4 Research affected property owners, obtain mailing addresses, and send survey notices to all.

3.5 Using Deed research, road plans, right-of-way plans and field evidence, re-establish right-of-way, block, lot, and apparent property lines within project area.

3.6 Prepare a Location Control Route Survey Plat. This plat would be used for any additional right-of-way needs.

3.7 Locate utilities within the project area using observed evidence along with the “Indiana

- 811” service. Locate underground utilities as marked by Indiana Underground Plant Protection Service and/or by available utility maps.
- 3.8 Establish a horizontal datum of INGCS Hamilton County coordinate system by using terrestrial traverse observations and GPS static observations incorporating the “INCORS” network.
 - 3.9 Establish a vertical datum of NAVD88 by using GPS static observations and a bench level circuit.
 - 3.10 Set horizontal control points and vertical benchmarks with references.
 - 3.11 Provide utility contact list.
 - 3.12 Provide an electronic CAD drawing containing one-foot contours, topographic survey linework and surface model. CAD file shall be AutoCAD, Civil 3D format (LCRS Plat) or Open Road Designer format for Design purposes.
 - 3.13 Provide Survey field book in PDF format.
- 4.0 RIGHT-OF-WAY ENGINEERING
- 4.1 Prepare final right-of-way plans, title research, legal descriptions, route survey plats or right-of-way parcel plats, and other materials to be used in the acquisition of right-of-way. The CONTRACTOR shall provide the following services for up to six (6) parcels:
 - 4.1.1 Title Research: Prepare a documented title search covering an interval of time including one valid transfer of fee title beyond a twenty-year period from the date of the search. The title search shall include all liens (taxes, mortgages, easements, recorded judgments, etc.) and any encumbrances against the property found to be of record.
 - 4.1.2 Right-of-Way Engineering: Prepare a legal description, right-of-way parcel plat and other materials to be used in the acquisition of right-of-way in accordance with the Right-of-Way Engineering Procedure Manual and in accordance with Indiana Administrative Code 865 IAC 1-12, ("Rule 12").
 - 4.1.3 Right-of-Way Staking: Set stakes at right-of-way break points, and at intermediate points as necessary, to allow visual inspection of the right-of-way line, if necessary, to delineate the location of the proposed permanent and temporary right-of-way line(s) for the benefit of the property owner, the appraiser, and the buying agent.
 - 4.1.4 Right-of-Way Revisions: Will make modifications to legal descriptions, right-of-way parcel plat and other material to be used in the acquisition of right-of-way.
 - 4.2 In fulfillment of this contract, the CONTRACTOR shall comply with the requirements of the appropriate regulations and requirements for the Indiana Department of Transportation and Federal Highway Administration.
- 5.0 RIGHT OF WAY SERVICES
- 5.1 Management and Supervision
 - 5.1.1 Administer, schedule, and coordinate the following activities necessary to certify that the right-of-way has been acquired and the project is clear for construction letting: meetings, conferences, and communications with the Property Owner(s), the Relocatee(s), the Attorney(s), the Engineer(s), the Appraiser(s), the Buying Agent(s), the Relocation Agent(s), the CITY, the Indiana Department of Transportation (INDOT), and the Federal Highway Administration (FHWA).

- 5.1.2 Deliver documentation to CITY so that CITY may make all arrangements to record the conveyance documents, deliver payment to each property owner, and/or to file for condemnation.
- 5.1.3 Provide CITY with executed conveyance documents (suitable for recording) and a closeout file for each parcel secured through negotiations per the Indiana Department of Transportation, Real Estate Division Manual (RED Manual).
- 5.1.4 Provide CITY with a recommendation for condemnation for each parcel referred to CITY for condemnation per the RED Manual.
- 5.2 Appraisal Problem Analysis

Prepare an Appraisal Problem Analysis for each parcel in accordance with the current RED Manual at the time the services are provided. The Appraiser performing said work shall be a licensed appraiser in the State of Indiana and an approved Review Appraiser for INDOT.
- 5.3 Appraisal and Waiver Valuation Services
 - 5.3.1 The Appraiser will be a licensed appraiser in the State of Indiana and an INDOT qualified Review Appraiser.
 - 5.3.2 Prepare an Appraisal or Waiver Valuation for each parcel as recommended by the approved Appraisal Problem Analysis.
 - 5.3.3 All Waiver Valuations shall be prepared in accordance with the RED Manual, and Indiana Law. If applicable the report shall comply with the Uniform Standard of Professional Appraisal Practice (USPAP)
 - 5.3.4 All Appraisals shall be prepared in accordance with the RED Manual and comply with the following:
 - Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (URA) Public Law 91-646 dated January 2, 1971 (The Uniform Act). All Appraisals must conform to Title III of the Uniform Act and appropriate Federal regulations.
 - 49 CFR (Code of Federal Regulations) Part 24; updated January 4, 2005; Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally Assisted Programs; Final Rule.
 - Uniform Standard of Professional Appraisal Practice (USPAP)
 - Indiana Law
- 5.4 Review Appraisal Services
 - 5.4.1 The Review Appraiser will be a licensed appraiser in the State of Indiana and an INDOT qualified Appraiser.
 - 5.4.2 Prepare a Review Appraisal for each appraisal as recommended by the approved Appraisal Problem Analysis.
 - 5.4.3 The Review Appraiser shall prepare an Appraisal Review Report in accordance with the RED Manual.
 - 5.4.4 The Review Appraiser shall ensure the appraisal under review complies with the following:
 - Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (URA) Public Law 91-646 dated January 2, 1971 (The Uniform Act). All Appraisals must conform to Title III of the Uniform Act and appropriate Federal regulations.

- 49 CFR (Code of Federal Regulations) Part 24; updated January 4, 2005; Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally Assisted Programs; Final Rule.
 - Uniform Standard of Professional Appraisal Practice (USPAP)
 - Indiana Law
- 5.4.5 For Waiver Valuations the Review Appraiser is not required to complete a written report. The Review Appraiser shall complete a minimalistic review of each Waiver Valuation. Once the Review Appraiser determines the Waiver Valuation meets the minimum requirements as set forth above for a Waiver Valuation, the Review Appraiser shall prepare the Statement of the Basis for Just Compensation.
- 5.5 Buying Services
 - 5.5.1 The Buying Agent shall be a licensed Broker in the State of Indiana and an INDOT qualified Buying Agent.
 - 5.5.2 The CONTRACTOR shall complete the Buying Services for each parcel in accordance with the current Indiana Department of Transportation's Real Estate Division Manual at the time the Buying Services are performed, the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (Public Law 91-646) as amended (The Uniform Act) and the Code of Federal Regulation titled 49 CFR Part 24, and Indiana Law.
- 5.6 Buying Review Services
 - 5.6.1 The Buying Reviewer shall be a licensed Broker in the State of Indiana and an INDOT qualified Buying Agent.
 - 5.6.2 Review each parcel to ensure compliance with the RED Manual, the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (Public Law 91-646) as amended (The Uniform Act) and the Code of Federal Regulation titled 49 CFR Part 24, and Indiana Law, at the time the buying services were performed.
- 5.7 Condemnation Services

Provide expert testimony and trial preparation services as requested by the CITY, from the R/W Services Manager, Appraiser, Review Appraiser, Buyer, and/or Design Engineer.
- 6.0 TRAFFIC ENGINEERING AND PLANNING
 - 6.1 Traffic Forecasts
 - 6.1.1 Coordinate with Indianapolis MPO to obtain traffic growth rates from the IMPO travel demand model.
 - 6.1.2 Forecast opening year and design year traffic informed by growth rates from the IMPO travel demand model for design year peak hour turning movements.
 - 6.1.3 Forecast opening year and design year AADT, including traffic data to be included in plans.
 - 6.2 Traffic Operations Analysis
 - 6.2.1 Evaluate AM and PM peak hour traffic operations traffic operations with design year traffic forecasts for one build alternative (roundabout intersection).

- 6.2.2 Confirm roundabout intersection configuration including bypass lanes or turn lanes.
- 6.3 Documentation
- 6.4 Prepare a draft report that summarizes the analysis performed. The report will be submitted in a draft form for review and comment.
- 6.5 Submit a final report incorporating the responses to one round of consolidated, non-conflicting comments. Any additional rounds of comments and comment response will be subject to a change order.
- 7.0 ROAD DESIGN AND PLAN DEVELOPMENT
 - 7.1 The project consists of the construction of a one-lane roundabout at the intersection of 141st Street and Howe Road.
 - 7.2 It is anticipated that the intersection will be reconstructed with an urban one-lane roundabout, grass center median (where applicable), splitter islands and crosswalks, curb and gutter, enclosed drainage within the roundabout, small ditches for sidewalk construction, connections to existing sidewalks or multi-use paths, and ADA-compliant pedestrian facilities.
 - 7.3 Prepare plans, specifications, opinions of probable construction costs and other required submittal documentation for the project at each submittal stage, which shall be in accordance with the accepted standards for such work and in accordance with the following documents in effect at the time the plans or reports are submitted:
 - City of Noblesville's Standards and Specifications
 - INDOT's Standard Specifications, Design Memoranda, and Indiana Design Manual except as modified by supplemental specifications and special provisions
 - INDOT Standard Drawings
 - American Association of State Highway and Transportation Officials (AASHTO) "A Policy on Geometric Design of Highways and Streets",
 - AASHTO Roadside Design Guide, latest edition,
 - Indiana Manual on Uniform Traffic Control Devices (IMUTCD).
 - 7.4 Prepare necessary information and submit plans at each development stage. Each submission shall be submitted electronically to the City.
 - 7.5 Plan submittals will be as follows
 - 7.5.1 Preliminary Design
 - Stage 1
 - Stage 3
 - Final Tracings
 - Plan submission will include an electronic copy of the plans drawn to a suitable scale on standard 22" x 34" sheets. Additionally, the following information shall

be provided in Adobe Acrobat®.pdf format (latest version at the time of completion of the plans).

7.6 Final Plans

- Complete set of Technical Specifications
- Opinion of probable construction cost
- Contract Book

7.7 Evaluate the preferred roundabout geometry options for review by the CLIENT for final design.

7.8 Prepare detailed drainage design for the project, based upon roundabout option that is selected. (Included in the Hydraulic Design Task.)

7.9 Prepare a Maintenance of Traffic plan for the project based on closing 141st Street and Howe Road for approximately 90-120 days. Maintenance of traffic plans will be designed in accordance with the IMUTCD.

7.10 Prepare plans for new roadway signage, pavement markings, and roundabout lighting (See Lighting Task) to be in accordance with the IMUTCD.

7.11 Prepare details of non-standard roadway items to be included on detail sheets with the project plans.

7.12 Determine the need for Level 1 Design exceptions that will be required during the project development. If required, necessary documentation to request a formal Level 1 Design Exception will be completed by Contractor as part of the project.

7.13 No crosswalk intersection tables are required.

7.14 Pavement design is not required, and the standard pavement section will be provided by the City.

7.15 Design documentation will be limited to the roundabout fastest path calculations with typical speed checks and intersection sight distance calculations.

7.16 Eight (8) quadrant curb ramps and eight (8) splitter island curb ramps will be required at the roundabout.

7.17 Following the completion of final review of Final Tracings plans and specification by the City, an electronic copy of the Final Tracings and Contract Book shall be provided in Adobe Acrobat®.pdf format (latest version at the time of completion of the plans) to the City of Noblesville for distribution to bidders.

7.18 Contractor will provide the City with a final estimate of construction cost and a summary of final quantities. Contractor will prepare up to two (2) addendums if necessary.

8.0 LIGHTING DESIGN

8.1 Project Description and Understanding of Improvements

8.1.1 This assignment includes third-party design review services related to the implementation of new intersection lighting equipment at the functional limits of the proposed roundabout at the intersection of 141st Street & Howe Road in Noblesville, Indiana.

- 8.1.2 It is assumed that all formal efforts associated with the project's engineering design, modeling, calculations, estimates, specifications, details, coordination, shop drawing review, responses to RFIs and all other project management related tasks will be performed by others (Duke Energy). Therefore, Duke Energy will be designated as the Engineer of Record for this project. Contractor will only be responsible for third-party plan review services related to the project's lighting design prepared by Duke Energy.
- 8.1.3 It is assumed that lighting design review services related to any other upstream/downstream intersections or roadway segments along 141st Street or Howe Road will not be required as a part of this project.
- 8.2 THIRD-PARTY REVIEW OF DUKE ENERGY'S ROUNDABOUT LIGHTING DESIGN
 - 8.2.1 Coordinate with City and Duke Energy staff to verify project goals, equipment preferences, and overall performance requirements for the proposed lighting facilities.
 - 8.2.2 Upon receipt of Duke Energy's preliminary pole and equipment layout, Contractor will perform a third-party review of Duke Energy's proposed preliminary pole locations and compare said locations with City's standard lighting equipment diagrams for general compliance. Provide Duke Energy with review comments related to their preliminary equipment layout. It is assumed Duke Energy will consider the review comments provided in Task 2.2 to then prepare formal pre-final design plan sheets, specifications and estimates of construction cost.
 - 8.2.4 Upon receipt of Duke Energy's Pre-Final Plans, Specifications, and Estimates deliverable, Contractor will perform third-party review services, including:
 - 8.2.5 Develop a lighting model utilizing Acuity Visual software to determine appropriate light pole locations, meeting average and average: minimum illumination thresholds, as governed by City design guidelines and requirements.
 - 8.2.6 Provide Duke Energy with review comments related to their Pre-Final Plans deliverables.
 - 8.2.7 It is assumed Duke Energy will consider the review comments provided in Task 2.3 to then prepare final design plan sheets, specifications and estimates of construction cost.
 - 8.2.8 Upon receipt of Duke Energy's Final Plans, Specifications, and Estimates deliverable, Contractor will perform third-party review services, including:
 - 8.2.9 Verify all comments have been addressed or resolved related to previous project third-party review milestones.

8.2.10 Coordinate with City and/or Duke Energy staff regarding any outstanding information that might need to be incorporated into the lighting plans deliverables package prior to letting.

9.0 UTILITY COORDINATION SERVICES:

- 9.1 An INDOT certified Utility Coordinator will perform utility coordination services in accordance with 105 IAC 13, IDM Chapter 104, INDOT Accommodation Policy, and FHWA Program Guide: Utility Relocation and Accommodation on Federal Aid highway Projects. Utility coordination is included for coordination with up to eleven (11) utilities. Specific tasks for this utility coordination include the following:
- 9.2 Perform the requirements of IAC 13-3-1, including the identification and documentation of utility stakeholders within the Project Limits; and prepare and distribute all required utility correspondence.
- 9.3 Prepare and send a letter to each affected utility requesting verification of the information shown in the project plans.
- 9.4 Prepare and send each utility a set of preliminary plans and request that the utility identify conflicts with their facilities. Perform conflict analysis and consider design alternatives to avoid or minimize impacts to utility facilities. Develop utility conflict matrix.
- 9.5 Coordinate and obtain SUE Quality Levels B, C, and D for the project limits. Include the SUE data in project deliverables, plans, and coordination efforts. Coordinate to acquire SUE QLA information as needed. SUE services will be performed by others.
- 9.6 Send each utility a set of preliminary final plans and request utility work plans, assist in the development of the work plans, and review the work plans for the identified facilities within the project area.
- 9.7 Recommend work plans for approval including narrative portion and relocation drawing.
- 9.8 Present all project reports necessary for project delivery such as status reports and risk reports.
- 9.9 Lead or facilitate any meetings involving utility specific activities such as kick-off meetings, conflict resolution meetings and reimbursement eligibility meetings.
- 9.10 Develop a Utility Master Relocation Plan and prepare a Utility Relocation Schedule if relocations are required.
- 9.11 Prepare and sign utility special provisions, utility certification, and all other required contract letting documents.

- 9.12 Conduct post letting coordination services to include tracking utility relocations, answering utility related questions, and in person or virtual attendance at construction progress meetings.
- 9.13 Before the Ready for Contracts date, the CONTRACTOR shall deliver to the City a work plan for each utility within the area of the project. A work plan includes narrative and drawing, cost estimate and easement documents as applicable. The work plans shall be delivered even if utility facility relocations are required.
- 9.14 The CONTRACTOR shall upload the following items for all utilities within the area of the project:
- Utility relocation work plan
 - Utility special provision
- 9.15 The CONTRACTOR shall act as a liaison between utility companies and CITY, answering questions, interpreting plans, coordinating activities, and other actions as needed.
- 9.16 The CONTRACTOR has made the following assumptions for performing the above services and phases to complete the project development:
- 9.17 No more than eleven (11) public utilities are anticipated to be within the project area.
- 9.18 There are utilities existing in the project limits that will be affected by the project and the project will require full coordination services.
- 9.19 Relocations will be necessary, and relocations may be concurrent with construction and will require post letting utility coordination services.
- 9.20 The use of Subsurface Utility Engineering may be required. SUE services shall be provided by others. The coordination of the SUE services shall be performed by the CONTRACTOR.
- 9.21 There is a possibility that a utility could have property interests that make them eligible for reimbursement. The CONTRACTOR shall provide the CITY with all the requests for reimbursement from the utility and work with the CITY to determine eligibility.
- 9.22 Services not provided by the CONTRACTOR include, but are not limited to, the following:
- 9.22.1 Monitoring accurate placement of utility relocations.
 - 9.22.2 Inspection for Buy America Compliance during installation.
 - 9.22.3 Daily inspections of utility relocation including material inspections.
 - 9.22.4 Development of reimbursable agreements, easement verification, and subordination agreements.

10.0 HYDRAULIC ENGINEERING

10.1 Storm Sewers

- 10.1.1 Review existing data, including historic plans, prior reports, flood insurance studies and maps, soils maps, and rainfall data.

- 10.1.2 Conduct a site visit to confirm existing features and drainage areas.
- 10.1.3 Coordinate with the City and County Surveyor, as needed. It is assumed that the storm sewers will discharge into existing roadside ditches and the existing roadside ditches. It is assumed that a County Drainage Permit is required.
- 10.1.4 Coordinate with the City and County Surveyor, as needed. It is assumed that the storm sewers will discharge into existing roadside ditches and the existing roadside ditches. It is assumed that a County Drainage Permit is required.
- 10.1.5 Coordinate with the City and County Surveyor, as needed. It is assumed that the storm sewers will discharge into existing roadside ditches and the existing roadside ditches. It is assumed that a County Drainage Permit is required
- 10.1.6 Delineate drainage areas using available LiDAR data. Complete hydrologic analysis including time of concentration (TR-55 method) and peak flow calculations (Rational Method) for existing structures and offsite areas.
- 10.1.7 Prepare hydrologic exhibits with time of concentration flow paths, land use, soil type and contours.
- 10.1.8 Prepare hydrologic and hydraulic (H&H) model of existing stormwater conveyance system(s) using modeling software (Autodesk SSA or equivalent).
- 10.1.9 Analyze existing and proposed land uses within contributing drainage areas. Confirm detention is not required in accordance with the City and County Standards. Confirm Post-Construction Stormwater Management (PCSM) measures are required in accordance with the City and County Standards.
- 10.1.10 Design storm sewer layout.
- 10.1.11 Produce stormwater collection and conveyance design calculations, including the following:
 - 10.1.11.1 Ditch and storm sewer capacity.
 - 10.1.11.2 Analyze gutter spread and determine inlet spacing for the roadway based upon the design methods set forth in the Indiana Design Manual, Chapter 203. It is assumed that the total number of inlets will be no more than seven (7).
- 10.1.12 Prepare H&H model of proposed stormwater conveyance system to:
 - Determine storm sewer capacity based on the City of Noblesville Stormwater Technical Standards Manual.
- 10.1.13 Analyze tailwater conditions for up to four (4) outlet(s). It is assumed that no joint probability analysis will be required.

- 10.1.14 Identify potential utility conflicts with proposed stormwater infrastructure. Coordinate with Utility Coordinator to minimize utility conflicts and adjust where feasible.
- 10.1.15 Coordinate with Environmental team to minimize environmental impacts.
- 10.1.16 Incorporate stormwater infrastructure on plan and profile and construction detail sheets.
- 10.1.17 Perform quantity calculations and prepare cost estimate for hydraulic design elements.
- 10.1.18 Attend Preliminary Field Check.
- 10.1.19 Perform quality assurance and quality control review of calculations, reports, and applicable plan sheets.
- 10.1.20 Prepare one Storm Drainage Hydraulic Report.
- 10.2 Post-Construction Stormwater Management (PCSM)

Design post-construction stormwater management (PCSM) measures for a maximum of four (4) PCSM locations in accordance with the City Engineer's requirements. The CONTRACTOR shall be responsible for performing the following services:

 - 10.2.1 Identify major waterway(s) and receiving waterbody(ies). Identify possible PCSM outlet locations. It is assumed that the project will have up to four (4) outlet(s).
 - 10.2.2 Develop and analyze PCSM measure alternatives for each outlet location, in accordance with City of Noblesville Stormwater Technical Standards Manual.
 - 10.2.3 Evaluate treatment alternatives within the corridor of each outfall location. Dry swales, filter strips, and dry detention basins will be considered. Identify preferred treatment measure and location for each outlet. Where available right-of-way appears insufficient or where other site constraints prevent treatment facilities from meeting IDEM and local water quality standards, a request for an exemption may be recommended.
 - 10.2.4 Delineate existing drainage areas using available LiDAR data. Delineate proposed condition drainage areas using proposed design linework and surface. Complete hydrologic analysis including time of concentration (TR-55 method) and water quality treatment flow rate calculations (Rational Method) for each identified outlet and contributing subbasins, up to twenty (20) subbasin(s).
 - 10.2.5 Prepare hydrologic exhibits with time of concentration flow paths, land use, soil type and contours.
 - 10.2.6 Perform design computations for PCSM measures for each outlet location, including Water Quality Volume, TSS Removal Rate, Hydraulic Residence

Time, and Volume calculations, as needed. It is assumed that offsite areas will not be treated.

- 10.2.7 Complete a preliminary conflict review of existing utilities using field survey data and estimated treatment volumes.
- 10.2.8 Complete a preliminary conflict review of existing utilities using field survey data and estimated treatment volumes.
- 10.2.9 Perform grading and layout design for PCSM measures for each outlet location, including inlet and outlet pipe/ditch layout, facility layout, check dam sizing, and vegetation recommendations.
- 10.2.10 Document, label, and dimension PCSM measures on the plan and profile sheets and construction detail sheets, as needed, for each outlet location.
- 10.2.11 Develop construction details of PCSM measures for each outlet location. Produce PCSM detail sheets.
- 10.2.12 Develop construction details of PCSM measures for each outlet location. Produce PCSM detail sheets.
- 10.2.13 Prepare one (1) PCSM Report to include all outlet locations. Submit the PCSM Report and applicable plan sheets for review and approval. Address comments and resubmit the PCSM Report, if required
- 10.2.14 Perform quality assurance and quality control review of calculations, reports, and applicable plan sheets.

11.0 CONSTRUCTION PHASE SERVICES

- 11.1 Assist the City of Noblesville in the interpretation of the plans where disagreements may arise and for consultation during construction in the event unforeseen or unusual conditions arise. Attend Preconstruction conference. Up to six (6) Shop Drawing reviews during construction will be provided. Up to four (4) responses to construction requests for information (RFI's) will be provided.

12.0 SERVICES NOT COVERED UNDER THIS AGREEMENT

- 12.1 Relocation or Relocation Review Services
- 12.2 Real Estate Closing
- 12.3 Recording of Transfer Documents
- 12.4 Property Management
- 12.5 Revising Right of Way Engineering
- 12.6 Re-Staking Right of Way
- 12.7 Legal Services

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INFORMATION AND SERVICES TO BE FURNISHED BY CITY

City shall furnish the Contractor with the following:

- 1.0 Copies of location and/or design study reports (if not prepared by the Contractor).
- 2.0 Copies of the environmental studies and/or approvals (if not prepared by the Contractor).
- 3.0 Transfer document templates (acquisition instruments) which have been prepared and/or approved by the City's Legal Counsel.
- 4.0 Guarantee access to and make all provisions for the Contractor to enter upon public and private lands as required for the Contractor to perform the work under this Agreement.
- 5.0 Legal Services for the acquisition of all parcels through Eminent Domain proceedings.
- 6.0 The City shall make all payments due the Property Owner and/or to the court for condemnation proceedings and shall provide the Contractor a copy of the check or other proof of payment as required to obtain Right of Way Certification.
- 7.0 Recording transfer documents after the property owner has been paid.
- 8.0 City shall deliver property owner payment checks.
- 9.0 City shall make all payments due to the court for condemnation proceedings.
- 10.0 City shall prepare and deliver 1099 notices as required by the IRS

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SCHEDULE

No work under this Contract shall be performed by the Contractor until the Contractor receives a written notice-to-proceed from the City.

All work by the Contractor under this Agreement shall be completed and delivered to the City for review and approval, if required, within the following time periods, exclusive of review time by the City and INDOT. A graphical; schedule is included as Exhibit 2.

- 1.0 Topographic Survey no later than 90 Days after receipt of Notice to Proceed.
- 2.0 Approval of the SEPA within 16 months of the Notice to Proceed.
- 3.0 Stage 1 Submittal 120 days after completion of topographic survey.
- 4.0 Completion of R/W Engineering Plats and Legal Descriptions within 60 days after the Preliminary Field Check Meeting.
- 5.0 Stage 3 Submittal 180 days prior to the proposed letting date.
- 6.0 All Permit Applications submitted for agency review 12 months prior to the Ready for Contracts date.
- 7.0 Final Tracings 30 days after receipt of City and INDOT approval of Stage 3 Plans or after right of way certified.
- 8.0 The anticipated Letting Date for this project is July 2027.

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COMPENSATION

1.0 AMOUNT OF PAYMENT

- 1.1 The Contractor shall receive compensation for such professional services under this Agreement in the amount of a total fee not-to-exceed Four Hundred Seventy-Nine Thousand Five Hundred Forty Dollars (\$479,540.00), unless an amendment to this Agreement is executed by the parties that increases the maximum amount payable.
- 1.2. The Contractor shall be paid for the work performed under Sections 1.0, 2.0, 3.0, 6.0, 7.0, 8.0, 9.0, 10.0 and 11.0 of Exhibit “A” of this Agreement on an hourly rate basis based on the rates set forth in Exhibit “1”, attached hereto and incorporated herein by reference.
 - 1.2.1. Environmental Documentation \$44,300.00
 - 1.2.2. Project Management \$11,300.00
 - 1.2.3. Topographic Survey..... \$30,000.00
 - 1.2.4. Traffic Engineering & Planning \$7,400.00
 - 1.2.5. Road Design and Plan Development \$213,400.00
 - 1.2.6. Lighting..... \$5,000.00
 - 1.2.7. Hydraulic Design & Engineering..... \$31,400.00
 - 1.2.8. Subsurface Utility Engineering (SUE)..... \$10,500.00
 - 1.2.9. Geotechnical Engineering..... \$15,900.00
 - 1.2.10. Utility Coordination..... \$26,000.00
 - 1.2.11. Construction Phase Office Services..... \$5,600.00
- 1.3. The Contractor shall receive payment for Right-of-Way Engineering Services performed under Section 4 of Exhibit “A” of this Agreement based on the specific cost per unit multiplied by the actual units of work performed in accordance with the following schedule:
 - 1.3.1. Title Reports (6 parcels @ \$500 each)..... \$3,000.00
 - 1.3.2. Right-of-Way Engineering (6 parcels @ \$2,200 each)..... \$13,200.00
 - 1.3.3. R/W Staking (6 parcels @ \$800 each)..... \$4,800.00
- 1.4. The Contractor shall receive payment for Right-of-Way Acquisition Services performed under Section 5 of Exhibit “A” of this Agreement based on the specific cost per unit multiplied by the actual units of work performed in accordance with the following schedule:
 - 1.4.1. R/W Management (6 parcels @ \$1,475 each) \$8,850.00
 - 1.4.2. Appraisal Problem Analysis (6 parcels @ \$310 each)..... \$1,860.00
 - 1.4.3. Value Finding (4 parcels @ \$2,315 each)..... \$9,260.00
 - 1.4.4. LF: Residential (2 parcels @\$5,420 each)..... \$10,840.00
 - 1.4.5. Review Waiver Valuation (4 parcels @\$1,165 each)..... \$4,660.00
 - 1.4.6. Review LF: Residential (2 parcels @\$2,570 each)..... \$5,140.00
 - 1.4.7. Buying: Total/Partial Acq. (6 parcels @\$2,450 each)..... \$14,700.00
 - 1.4.8. Buying Review (6 parcels @405 each)..... \$2,430.00
- 1.5. The Contractor shall not be paid for any service performed by the City or services not required to develop this project. Costs for routine photocopy and paper reproduction will not be reimbursable but are to be included in the above fees and overhead costs.
- 1.6. Exhibit 3 includes a detailed breakdown of hours for each major Task item within this

agreement.

2.0. Method of Payment:

- 2.1. The Contractor shall submit invoices to the City on a monthly basis for services rendered. In no event shall the total of the Contractor's invoices exceed the amount provided in Exhibit "A" without prior approval as provided elsewhere in this Agreement.
- 2.2. The City shall pay the Contractor for said invoices within thirty (30) calendar days for Contractor's services.

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Classification	2025 Proposed Billing Rate
Administrative Assistant	\$ 82.26
3D Visual Design	\$ 128.55
Construction Project Supervisor I	\$ 129.30
Construction Project Supervisor II	\$ 155.22
Construction Engineer I	\$ 115.35
Construction Engineer II	\$ 149.88
Construction Engineer III	\$ 174.33
Construction Inspector I	\$ 96.39
Construction Inspector II	\$ 116.64
Corporate Administrator	\$ 122.91
Engineer Designer I	\$ 105.42
Engineer Designer II	\$ 127.80
Engineer Designer III	\$ 139.08
Engineer Designer IV	\$ 157.92
Engineering Intern I	\$ 101.67
Engineering Intern II	\$ 108.03
Engineering Intern III	\$ 118.59
Engineering Tech I	\$ 77.16
Engineering Tech II	\$ 93.27
Engineering Tech III	\$ 137.01
Environmental Specialist I	\$ 88.41
Environmental Specialist II	\$ 107.52
Environmental Specialist III	\$ 127.17
Environmental Specialist IV	\$ 156.03
Environmental Geologist	\$ 163.29
Environmental Technician II	\$ 98.88
Field/Lab Technician	\$ 80.19
Graphic Designer	\$ 89.58
Historian/Sec 106 Specialist II	\$ 84.39
Historian/Sec 106 Specialist III	\$ 137.97
Historian/Sec 106 Specialist IV	\$ 154.77
IT System Specialist	\$ 176.52
Lead Utility and Railroad Coordinator	\$ 150.00
Project Control Specialist II	\$ 243.75
Professional Surveyor IV	\$ 190.02
Project Engineer I	\$ 131.61
Project Engineer II	\$ 140.85
Project Engineer III	\$ 165.21
Project Engineer IV	\$ 210.00

Classification	2025 Proposed Billing Rate
Project Liason	\$ 155.64
Realty Specialist	\$ 101.85
ROW Services Specialist	\$ 145.68
Senior Appraiser	\$ 170.34
Senior Engineer I	\$ 215.00
Senior Engineer II	\$ 228.99
Senior Transporation Planner I	\$ 178.86
Senior Landscape Architect	\$ 223.80
Landscape Architect I	\$ 129.87
Senior Project Manager I	\$ 211.38
Senior Project Manager II	\$ 245.64
Senior Project Manager III	\$ 245.64
Senior Project Manager IV	\$ 247.02
Student Intern	\$ 64.29
Survey Party Chief II	\$ 108.87
Survey Party Chief III	\$ 128.49
Survey Technician	\$ 78.15
Transporation Planner I	\$ 91.77
Transporation Planner II	\$ 110.04
Transporation Planner III	\$ 126.99
Transporation Planner IV	\$ 165.87
Utility & Railroad Coordinator	\$ 101.85
Utility & Railroad Support	\$ 97.05

TRAVEL TIME for survey crews will be charged both directions from door-to-door.

OVERTIME work will be performed only at the direction of the client. All work on survey crews, drafting or clerical over eight hours per day or work performed on weekends or holidays is considered overtime and will be billed at 1.25 times above quoted rates.

DIRECT EXPENSES will be charged to the client in addition to the above quoted rates. Mileage will be charged at the allowable federal mileage reimbursement rate at the time the mileage was incurred. Direct expenses include but are not limited to: mileage, filing fees, testing, express mail costs, etc. provided that they are reasonable and necessary for the accomplishment of the work.

These rates may be changed on an annual basis at the discretion of Lochmueller Group, Inc.

INDOT Letting Prep Dates



Fee Summary

Project: 141st St. and Howe Rd. Roundabout

Client: City of Noblesville, IN

Lochmueller Project No: 125-1006

Client Project No.: OFA 026.2502; MPO DES 2434FFE

May 9, 2025

<i>ITEM</i>	<i>FEE TYPE</i>	<i>FIRM</i>	<i>PROPOSED FEE</i>
Environmental Documentation	Hourly Not To Exceed	Lochmueller	\$44,300.00
Topographic Survey	Hourly Not To Exceed	Lochmueller	\$30,000.00
Traffic Engineering & Planning	Hourly Not To Exceed	Lochmueller	\$7,400.00
Roadway Design and Plan Development	Hourly Not To Exceed	Lochmueller	\$213,400.00
Lighting	Hourly Not To Exceed	Lochmueller	\$5,000.00
Hydraulic Design & Engineering	Hourly Not To Exceed	Lochmueller	\$31,400.00
Subsurface Utility Engineering	Hourly Not To Exceed	Surveying And Mapping	\$10,500.00
Geotechnical Services	Hourly Not To Exceed	Terracon	\$15,900.00
Project Management	Hourly Not To Exceed	Lochmueller	\$11,300.00
Utility Coordination	Hourly Not To Exceed	Lochmueller	\$26,000.00
Construction Phase Services	Hourly Not To Exceed	Lochmueller	\$5,600.00
Right-of-Way Engineering	Per Parcel	Lochmueller	\$21,000.00
Right-of-Way Services	Per Parcel	Lochmueller	\$57,740.00
Total Not To Exceed Fee			\$479,540.00



Project Management

Project Name: 141st St. and Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS / TASK	TOTAL DOLLARS / TASK	
	Rate Year	Senior Project Manager II	Senior Engineer I	Project Engineer IV	Project Engineer III	Project Engineer I	Engineering Intern III	Engineering Intern I	Engineering Designer II			
LABOR												
Kick-Off Meeting	2025			2						2	\$420.00	
Project Management (0.25 hr/week for 8 months)	2025			8						8	\$1,680.00	
Project Management 0.25 hr/week for 12 months)	2026			12						12	\$2,595.60	
Project Management (0.25 hr/week for 7 months)	2027			7						7	\$1,559.52	
Monthly City PM Meeting	2025			8						8	\$1,680.00	
Monthly Progress Reports	2025			8						8	\$1,680.00	
Subconsultant Contracting	2025			2						2	\$420.00	
Subconsultant Management	2025			2						2	\$420.00	
Coordinate with Fishers	2025			2						2	\$420.00	
Coordinate with Property Owners & HOA's	2025			2						2	\$420.00	
Total Hours	ECI	0	0	53	0	0	0	0	0	53	\$11,295.12	
Hourly Rate (2025)		\$245.64	\$215.00	\$210.00	\$165.21	\$131.61	\$118.59	\$101.67	\$127.80			
Hourly Rate (2026)	3.0%	\$253.01	\$221.45	\$216.30	\$170.17	\$135.56	\$122.15	\$104.72	\$131.63			
Hourly Rate (2027)	3.0%	\$260.60	\$228.09	\$222.79	\$175.27	\$139.63	\$125.81	\$107.86	\$135.58			
Hourly Rate (2028)	3.0%	\$268.42	\$234.94	\$229.47	\$180.53	\$143.81	\$129.59	\$111.10	\$139.65			
								Total Labor Cost			\$11,295.12	
DIRECT EXPENSES												
	No.	Unit		No.	Unit	Rate						
Mileage		Trips x			Mi./Trip x	\$0.67						
Prints		Sets x			Sheets	\$0.10						
Total Direct Expense Cost											\$0.00	
TOTAL FEE:											\$11,300.00	





Roadway Design and Plan Development


Project Name:
Client:
Lochgroup Project No.:

141st St. and Howe Rd. Roundabout
City of Noblesville, IN
125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL	TOTAL
	Rate Year	Senior Project Manager II	Senior Engineer I	Project Engineer IV	Project Engineer III	Project Engineer I	Engineering Intern III	Engineering Intern I	Engineering Designer II	HOURS / TASK	DOLLARS / TASK
LABOR											
Preliminary Design											
Site Vistit (Confirm Survey Data, Design Criteria and Pvmt. Dsn.)	2025			4			4			8	\$1,314.36
Process Survey and Project Sheet Set-up	2025			1			4		8	13	\$1,706.76
Horizontal Alignment Design of Roundabout	2025			1			4		8	13	\$1,706.76
Cooridor Modeling/Assembly Design	2025						4		8	12	\$1,496.76
QC/QA	2025			4			4		4	12	\$1,825.56
SUBTOTAL: Preliminary Design		0	0	10	0	0	20	0	28	58	\$8,050.20
Stage 1 Plans											
Site Vistit (Confirm Survey Data, Design Criteria and Pvmt. Dsn.)	2025					4	4			8	\$1,000.80
Process Survey and Project Sheet Set-up	2025					2	8		8	18	\$2,234.34
Horizontal Alignment Design of Roundabout	2025					2	32		20	54	\$6,614.10
Horizontal Alignment Design of Sidewalk/Trail	2025					2	16		16	34	\$4,205.46
Cooridor Modeling/Assembly Design	2025					4	40		12	56	\$6,803.64
Title Sheet & Index Sheet	2025					2			2	4	\$518.82
Preliminary Geometric Ties/Ref Pts/Bench Marks	2025					2	12		12	26	\$3,219.90
Preliminary Typical Cross Sections	2025					4	8		4	16	\$1,986.36
Preliminary Maintenance of Traffic	2025					2	8		12	22	\$2,745.54
Preliminary Plat No 1	2025					1	2		2	5	\$624.39
Preliminary Plan and Profile Sheets	2025					8	16		24	48	\$6,017.52
Preliminary Construction Detail Sheets	2025					8	16		24	48	\$6,017.52
Preliminary Roundabout Details	2025					4	12		12	28	\$3,483.12
Preliminary Temporary Erosion Control Plan & Tables	2025					8	16		24	48	\$6,017.52
Preliminary Signing and Pavement Markings	2025					4	8		12	24	\$3,008.76
Preliminary Tables	2025					2	8		12	22	\$2,745.54
Design of Const Limits and Preliminary R/W	2025						8		12	20	\$2,482.32
Design Calculation Documentation	2025						12		24	36	\$4,490.28
Level 1 Roundabout Design Checklist	2025					2	2			4	\$500.40
Preliminary Cross Sections	2025					2	8		8	18	\$2,234.34
QC/QA	2025					16	8		8	32	\$4,076.88
Preeliminary Quantities/Cost Est	2025					8	12		8	28	\$3,498.36
SUBTOTAL: Stage 1 Plans		0	0	0	0	87	256	0	256	599	\$74,525.91

			Roadway Design and Plan Development									
Project Name:			141st St. and Howe Rd. Roundabout									
Client:			City of Noblesville, IN									
Lochgroup Project No.:			125-1006									
TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS / TASK	TOTAL DOLLARS / TASK	
	Rate Year	Senior Project Manager II	Senior Engineer I	Project Engineer IV	Project Engineer III	Project Engineer I	Engineering Intern III	Engineering Intern I	Engineering Designer II			
Stage 3 Plans												
Revise Plans per Preliminary Plan Review	2025	8				16	30		30	84	\$11,462.58	
Finalize Title Sheet & Index Sheets	2025						2		2	4	\$492.78	
Finalize Geometric Tie-In Sheet	2025						1		1	2	\$246.39	
Finalize Typical Cross Sections	2025					4	8		12	24	\$3,008.76	
Finalize Maintenance of Traffic	2025					8	10		10	28	\$3,516.78	
Finalize Plat No. 1	2025					1	1		4	6	\$761.40	
Finalize Plan and Profile Sheets	2025					1	16		16	33	\$4,073.85	
Finalize Construction Detail Sheets	2025					12	20		24	56	\$7,018.32	
Finalize Roundabout Details	2025					12	12		20	44	\$5,558.40	
Finalize Roundabout Spot Elevation Details	2025					8	16		10	34	\$4,228.32	
ADA Curb Ramp Design (16 Ramps and 4 Splitter Island Crossings)	2025					20	40		60	120	\$15,043.80	
Finalize Temporary Erosion Control Plan & Tables	2025					12	16		20	48	\$6,032.76	
Finalize Sign and Pavement Markings	2025					8	8		16	32	\$4,046.40	
Finalize Sign and Pavement Markings Tables	2025					1	2		2	5	\$624.39	
Finalize Underdrain Table	2025					1	24		8	33	\$4,000.17	
Finalize Approach Table	2025					1	4		4	9	\$1,117.17	
Finalize Structure Data Table	2025						2		2	4	\$492.78	
Finalize Cross Sections	2025					4	4		8	16	\$2,023.20	
Coordination with Hydraulics	2025					8	4			12	\$1,527.24	
Coordination with Environmental for Permitting	2025					8	4			12	\$1,527.24	
Constructability Review and Revisions	2025		24			4	16		16	60	\$9,628.68	
Finalize Level 1 Roundabout Design Checklist	2025					2	4			6	\$737.58	
Design Computations	2025					4	16			20	\$2,423.88	
Updated Quantities	2025					4	8		4	16	\$1,986.36	
Updated Constr. Cost Est.	2025					1	4		4	9	\$1,117.17	
Technical Specifications	2025	8				12	4			24	\$4,018.80	
Prepare Contract Book	2025	4				8				12	\$2,035.44	
QA/QC	2025					24	8		8	40	\$5,129.76	
SUBTOTAL: Stage 3 Plans		20	24	0	0	184	284	0	281	793	\$103,880.40	
Final Tracings												
Revise Plans per Stage 3 Review	2026					16	30		24	70	\$8,992.58	
Final Constr. Cost Est. & Final Est. of Quant.	2026	2	2			2	8		2	16	\$2,460.48	
QA/QC	2026		16			8				24	\$4,627.67	
Contract Book Review	2026		8			8				16	\$2,856.07	
Final Technical Specifications for Bidding	2026		4			8				12	\$1,970.27	
Contractor Questions	2026		8			8	8		8	32	\$4,886.32	
SUBTOTAL: Final Tracings		2	38	0	0	50	46	0	34	170	\$25,793.38	
Total Hours	ECI	22	62	0	0	234	330	0	315	1,620	\$212,249.89	
Hourly Rate (2025)		\$245.64	\$215.00	\$210.00	\$165.21	\$131.61	\$118.59	\$101.67	\$127.80			
Hourly Rate (2026)	3.0%	\$253.01	\$221.45	\$216.30	\$170.17	\$135.56	\$122.15	\$104.72	\$131.63			
Hourly Rate (2027)	3.0%	\$260.60	\$228.09	\$222.79	\$175.27	\$139.63	\$125.81	\$107.86	\$135.58			
Hourly Rate (2028)	3.0%	\$268.42	\$234.94	\$229.47	\$180.53	\$143.81	\$129.59	\$111.10	\$139.65			
Total Labor Cost											\$212,249.89	
DIRECT EXPENSES												
	No.	Unit		No.	Unit	Rate						
Mileage (Site)	27	Trips x		40	Mi./Trip x	\$0.67	(Site Visits)				\$723.60	
Prints	81	Sets x		50	Sheets	\$0.10	(Agenda/Plans/etc.)				\$405.00	
Total Direct Expense Cost											\$1,128.60	
TOTAL FEE:												\$213,400.00

		Hydraulics									
Project Name:		141st and Howe Rd Roundabout Hydraulics									
Client:		City of Noblesville, IN									
Lochgroup Project No.:		125-1006									
TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS / TASK	TOTAL DOLLARS / TASK
	Rate Year	Senior Project Manager III	Senior Project Manager II	Senior Project Manager I	Senior Engineer I	Project Engineer IV	Project Engineer III	Project Engineer II	Project Engineer I		
LABOR											
Storm Sewer and Inlet Design											
Review existing data	2025			1			2			3	\$558.05
Conduct site visit	2025			2						2	\$435.44
City + County Hydraulics Coordination	2025			1			2		2	5	\$829.17
Delineate drainage areas	2025						2		2	4	\$611.45
Hydrologic Exhibits	2025						2		4	6	\$882.57
Existing H&H model	2025						2		4	6	\$882.57
Analyze land uses and confirm detention is not required	2025						2		2	4	\$611.45
Storm Sewer and Inlet Design	2025			1			2		4	7	\$1,100.29
Design calculations	2025			1			2		4	7	\$1,100.29
Proposed H&H model	2025						2		4	6	\$882.57
Identify potential utility confilcets	2025						2		2	4	\$611.45
Minimize Environmental Impacts	2025			1			2		2	5	\$829.17
P&P, CD, and Xsect Sheets Review	2025			1			3		4	8	\$1,270.45
Quantity Calculations + Cost Estimate	2025			1			2		4	7	\$1,100.29
PFC	2025			4			4			8	\$1,551.55
Storm Drainage Hydraulic Report Submittal	2025			1	2		4		4	11	\$1,883.52
QA/QC	2025			1			1		1	3	\$523.45
SUBTOTAL: Storm Sewer and Inlet Design		0	0	15	2	0	36	0	43	96	\$15,663.71
Post-Construction Stormwater Management (PCSM)											
PCSM Outlet Locations (up to 4)	2026			1			4		4	9	\$1,483.84
PCSM Alternatives Analysis	2026			1			4		4	9	\$1,483.84
Additional Hydrologic Analysis for Subbasins (up to 10)	2026			1			4		4	9	\$1,483.84
Hydrologic Exhibits	2026			1			3		4	8	\$1,308.57
PCSM Design Computations	2026			1			4		4	9	\$1,483.84
Utility Conflict Review	2026			1			2		4	7	\$1,133.30
PCSM Measures Design	2026			1			4		4	9	\$1,483.84
P&P, CD, and Xsect Sheets Review	2026			1			4		4	9	\$1,483.84
PCSM Details	2026			1			4		4	9	\$1,483.84
PCSM Report Submittal (1 report)	2026			1			4		4	9	\$1,483.84
QA/QC	2026			1	1		2		2	6	\$1,082.14
SUBTOTAL: Post-Construction Stormwater Management (PCSM)		0	0	11	1	0	39	0	42	93	\$15,394.71
SUBTOTAL:		0	0	0	0	0	0	0	0	0	\$0.00
Total Hours	ECI	0	0	26	3	0	75	0	85	189	\$31,058.42
Hourly Rate (2024)		\$245.64	\$239.88	\$211.38	\$215.00	\$210.00	\$165.21	\$140.85	\$131.61		
Hourly Rate (2025)	3.0%	\$253.01	\$247.08	\$217.72	\$221.45	\$216.30	\$170.17	\$145.08	\$135.56		
Hourly Rate (2026)	3.0%	\$260.60	\$254.49	\$224.25	\$228.09	\$222.79	\$175.27	\$149.43	\$139.63		
Hourly Rate (2027)	3.0%	\$268.42	\$262.12	\$230.98	\$234.94	\$229.47	\$180.53	\$153.91	\$143.81		
											\$31,058.42

		<h1>Hydraulics</h1>									
Project Name: Client: Lochgroup Project No.:		141st and Howe Rd Roundabout Hydraulics City of Noblesville, IN 125-1006									
TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS	TOTAL DOLLARS
	Rate Year	Senior Project Manager III	Senior Project Manager II	Senior Project Manager I	Senior Engineer I	Project Engineer IV	Project Engineer III	Project Engineer II	Project Engineer I	/ TASK	/ TASK
LABOR											
DIRECT EXPENSES	No.	Unit		No.	Unit	Rate					
Mileage (Site)	10	Trips x		40	Mi./Trip x	\$0.67					\$268.00
Mileage (On-Site Miles)		Trips x			Mi./Trip x	\$0.60					\$0.00
Lodging		Rooms x			Nights x	\$110.00					\$0.00
Per Diem		Staff x			Days x	\$41.00					\$0.00
SUBCONSULTANT FEES											
TOTAL FEE:										\$31,400.00	



Traffic Engineering & Planning

Project Name: 141st St. and Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS	TOTAL DOLLARS
	Rate Year	Senior Project Manager II	Project Engineer IV	Engineering Intern III	Engineering Intern I	Transportation Planner IV	Transportation Planner III	Transportation Planner II	Transportation Planner I	/ TASK	/ TASK
LABOR											
1. Traffic Forecasting											
a. Design Year Peak Hour Turning Movement	2025		2	8						10	\$1,368.72
b. Opening Year and Design Year AADT	2025		2	4						6	\$894.36
2. Traffic Operations Analysis											
a. Design Year Analysis	2025		4	12						16	\$2,263.08
3. Documentation											
a. Draft Report Preparation	2025		4	6	4					14	\$1,958.22
b. Final Report	2025		2	3	1					6	\$877.44
SUBTOTAL: Lochgroup Project No.:		0	14	33	5	0	0	0	0	52	\$7,361.82
Total Hours	ECI	0	36	42	10	0	0	0	0	88	\$7,361.82
Hourly Rate (2025)		\$239.88	\$210.00	\$118.59	\$101.67	\$165.87					
Hourly Rate (2026)	3.00%	\$327.29	\$241.05	\$141.30	\$121.56	\$200.53					
Hourly Rate (2027)	3.00%	\$340.05	\$250.45	\$146.81	\$126.30	\$208.35					
Hourly Rate (2028)	3.00%	\$353.31	\$260.22	\$152.54	\$131.23	\$216.47					
										Total Labor Cost	\$7,361.82
DIRECT EXPENSES											
	No.	Unit		No.	Unit	Rate					
Mileage (Site)		Trips x			Mi./Trip x	\$0.60					\$0.00
Mileage (On-Site Miles)		Trips x			Mi./Trip x	\$0.60					\$0.00
Daily Counts		Locations x			Days/Location	\$0.00					\$0.00
										Total Direct Expense Cost	\$0.00
TOTAL FEE:											\$7,400.00



Lighting

Project Name: 141st St. and Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS	TOTAL DOLLARS
	Rate Year	Senior Project Manager II	Senior Engineer I	Project Engineer IV	Project Engineer III	Project Engineer I	Engineering Intern III	Engineering Intern II	Engineering Intern I	/ TASK	/ TASK
DIRECT LABOR											
Preliminary Plans											
Front-end Coord. w/ Road staff & County	2025		2			1				3	\$561.61
Review City Design and Equipment Location Standards	2025		2			1				3	\$561.61
QA/QC	2025		2			2				4	\$693.22
											\$0.00
Pre-Final Plans											
Prepare Visual Light Model to Verify Illumination Requirements are met	2026		1			4				5	\$763.68
QA/QC	2026		2			2				4	\$714.02
											\$0.00
Final Plans											
QA/QC	2027	2	1			1				4	\$876.70
Final Coordination with City and Duke Energy	2027	1	2							3	\$710.68
	2027									0	\$0.00
										0	\$0.00
Total Hours	ECI	3	12	0	0	11	0	0	0	26	\$4,881.51
Average Rate(2025)		\$239.88	\$215.00	\$210.00	\$165.21	\$131.61	\$118.59	\$108.03	\$101.67		
Average Rate(2026)	3.0%	\$247.08	\$221.45	\$216.30	\$170.17	\$135.56	\$122.15	\$111.27	\$104.72		
Average Rate(2027)	3.0%	\$254.49	\$228.09	\$222.79	\$175.27	\$139.63	\$125.81	\$114.61	\$107.86		
Average Rate(2028)	3.0%	\$262.12	\$234.94	\$229.47	\$180.53	\$143.81	\$129.59	\$118.05	\$111.10		
										Total Labor Cost	\$4,881.51
										Total Labor Cost	\$4,881.51
DIRECT EXPENSES											
	No.	Unit		No.	Unit	Rate					
Mileage (Site)	2	Trips x		40	Mi./Trip x	\$0.49					
Mileage (On-Site Miles)	2	Trips x		10	Mi./Trip x	\$0.49					
Subsurface Utility Engineering											
										Total Direct Expense Cost	\$49.00
TOTAL FEE:											
											\$5,000.00



Environmental Documentation

Project Name: 141st St. and Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS	TOTAL DOLLARS
	Rate Year	Senior Project Manager II	Senior Project Manager I	Environmental Specialist IV	Environmental Specialist II	Historian/Sec. 106 Specialist IV	Historian/Sec. 106 Specialist III	IT Systems Specialist	Administrative Assistant	/ TASK	/ TASK
DIRECT LABOR											
Task 1: Project Organization/Coordination		0	12	30	0	0	0	0	0	42	\$7,217.46
SubTask 1a: Client Coordination	2025	0	6	12	0	0	0	0	0	18	\$3,140.64
SubTask 1b: Client Progress Reports	2025	0	0	6	0	0	0	0	0	6	\$936.18
SubTask 1c: Client/Design Coord. Meetings	2025	0	6	12	0	0	0	0	0	18	\$3,140.64
Task 2: SEPA		0	12	36	122	0	0	0	0	170	\$21,271.08
SubTask 2a: Field Inspection	2025	0	0	8	8	0	0	0	0	16	\$2,108.40
SubTask 2b: Red Flag Investigation	2025	0	1	2	16	0	0	0	0	19	\$2,243.76
SubTask 2c: Early Coordination	2025	0	2	4	32	0	0	0	0	38	\$4,487.52
SubTask 2d: Protected Species Coordination	2025	0	1	2	6	0	0	0	0	9	\$1,168.56
SubTask 2e: Archaeological Investigations	2025	0	0	0	0	0	0	0	0	0	\$0.00
SubTask 2f: Air Quality Coordination	2025	0	0	0	0	0	0	0	0	0	\$0.00
SubTask 2g: Assessment of Other Impacts	2025	0	2	8	20	0	0	0	0	30	\$3,821.40
SubTask 2h: Environmental Assessment Documentation	2025	0	6	12	40	0	0	0	0	58	\$7,441.44
Task 3: Wetland Delineation / "Waters of the U.S." Investigation		0	0	8	28	0	0	0	0	36	\$4,258.80
SubTask 3a: Wetlands/Waters Report	2025	0	0	8	28	0	0	0	0	36	\$4,258.80
Task 4: Public Involvement		0	0	0	0	0	0	0	0	0	\$0.00
SubTask 4a: Venue Coordination	2026	0	0	0	0	0	0	0	0	0	\$0.00
SubTask 4b: Legal Notice Preparation & Coordination	2026	0	0	0	0	0	0	0	0	0	\$0.00
SubTask 4c: Preparation of Materials / Exhibits	2026	0	0	0	0	0	0	0	0	0	\$0.00
SubTask 4d: Attendance / Facilitation	2026	0	0	0	0	0	0	0	0	0	\$0.00
SubTask 4e: Preparation of Response to Comments	2026	0	0	0	0	0	0	0	0	0	\$0.00
Task 5: Permits		0	8	14	64	0	0	0	4	90	\$11,418.35
SubTask 5a: Construction Stormwater General Permit	2026	0	4	6	40	0	0	0	2	52	\$6,434.43
SubTask 5b: Legal Drain Permit	2026	0	4	8	24	0	0	0	2	38	\$4,983.92
Total Hours	ECI	0	36	96	238	0	0	0	6	376	\$44,165.69
Average Rate (2025)		\$239.88	\$211.38	\$156.03	\$107.52	\$154.77	\$137.97	\$176.52	\$82.26		
Average Rate (2026)	3.0%	\$247.08	\$217.72	\$160.71	\$110.75	\$159.41	\$142.11	\$181.82	\$84.73		
Average Rate (2027)	3.0%	\$254.49	\$224.25	\$165.53	\$114.07	\$164.20	\$146.37	\$187.27	\$87.27		
Average Rate (2028)	3.0%	\$262.12	\$230.98	\$170.50	\$117.49	\$169.12	\$150.76	\$192.89	\$89.89		
Average Rate (2029)	3.0%	\$269.99	\$237.91	\$175.61	\$121.01	\$174.19	\$155.29	\$198.67	\$92.58		
											\$44,165.69

										\$44,165.69	

DIRECT EXPENSES	No.	Unit	No.	Unit		
Mileage (Indy to Site)	3	Trips x	40	Mi./Trip x		\$58.80
Lodging	0	Rooms x	0	Nights x		\$0.00
Per Diem	0	Staff x	0	Days x		\$0.00
Printing & Postage						\$0.00
Public Notice X 2 (Hearing)						\$0.00



Environmental Documentation

Project Name:		141st St. and Howe Rd. Roundabout									
Client:		City of Noblesville, IN									
Lochgroup Project No.:		125-1006									
TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS	TOTAL DOLLARS
Hearing Court Reporter											\$0.00
Public Notice (CSGP)											\$0.00
SUBCONSULTANT FEES											
Archaeological Field Reconnaissance											\$0.00
Archaeological Site Processing & Recordation (per site fee)		1		Site(s)		\$2,650.00					\$0.00
											\$58.80
TOTAL FEE:											\$44,300.00



Right-of-Way Engineering

Project Name: 141st St. and Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION						TOTAL FEE / TASK
	Rate Year	Number of Parcels	Unit Price			
Title Research						
Title Research	2026	6	\$500.00			\$3,000.00
						\$0.00
SUBTOTAL: Title Research						\$3,000.00
Right of Way Engineering						
R/W/ Engineering	2026	6	\$2,200.00			\$13,200.00
Parcel Revision (Due to design or owner change)	2026		\$800.00			\$0.00
*Combined and/or Eliminated Parcel	2026					
SUBTOTAL:Right of Way Engineering						\$13,200.00
Right of Way Staking						
R/W Staking	2026	6	\$800.00			\$4,800.00
SUBTOTAL: Right of Way Staking						\$4,800.00
APA's						
						\$0.00
SUBTOTAL: APA's						
PROPOSED FEE						\$21,000.00



Right of Way Services

Project Name: 141st St. and Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION		FEE PER TASK PER PARCEL							COST PER PARCEL	TOTAL DOLLARS / TASK
		Number of Parcels								
R/W Services										
R/W Services Management		6							\$ 1,475.00	\$ 8,850.00
Appraisal Problem Analysis (APA)		6							\$ 310.00	\$ 1,860.00
Appraising-Waiver Valuation									\$ 820.00	\$ -
Appraising-Value Finding		4							\$ 2,315.00	\$ 9,260.00
Appraising-Short Form: Any Property Type (Improved or Unimproved)									\$ 3,400.00	\$ -
Appraising-Short Form: Residential /AG (with affected improvements or total take)									\$ 3,800.00	\$ -
Appraising-Short Form: Commercial/Industrial/Multi-family/Special/Billboard (WAITT)									\$ 5,300.00	\$ -
Appraising-Long Form: Any Property Type (Unimproved)									\$ 4,080.00	\$ -
Appraising-Long Form: Residential AG (Improved)		2							\$ 5,420.00	\$ 10,840.00
Appraising-Long Form: Commercial/Industrial/Multi-family/Special (Improved)									\$ 13,555.00	\$ -
Appraising-Excess Land Appraisal									\$ 780.00	\$ -
Review-Waiver Valuation									\$ 500.00	\$ -
Review-Value Finding		4							\$ 1,165.00	\$ 4,660.00
Review-Short Form: Any Property Type (Improved or Unimproved)									\$ 1,630.00	\$ -
Review-Short Form: Residential /AG (with affected improvements or total take)									\$ 1,840.00	\$ -
Review-Short Form: Commercial/Industrial/Multi-family/Special/Billboard (WAITT)									\$ 2,590.00	\$ -
Review-Long Form: Any Property Type (Unimproved)									\$ 1,945.00	\$ -
Review-Long Form: Residential AG (Improved)		2							\$ 2,570.00	\$ 5,140.00
Review-Long Form: Commercial/Industrial/Multi-family/Special (Improved)									\$ 6,250.00	\$ -
Buying-Total/Partial Acquisition		6							\$ 2,450.00	\$ 14,700.00
Buying-Temporary/Access Rights									\$ 2,025.00	\$ -
Buying Review		6							\$ 405.00	\$ 2,430.00
								Total Unit Cost		\$57,740.00
DIRECT EXPENSES - Lochgroup	No.	Unit	No.	Unit	Rate					
Mileage (Site)		Trips x		Mi./Trip x	\$0.49					\$0.00
Mileage (On-Site Miles)		Trips x		Mi./Trip x	\$0.49					\$0.00
Lodging		Rooms x		Nights x	\$110.00					\$0.00
Per Diem		Staff x		Days x	\$41.00					\$0.00
								Total Direct Expenses		\$0.00
TOTAL FEE										\$57,740.00



Topographic Survey

Project Name: 141st St. & Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION								TOTAL HOURS / TASK	TOTAL DOLLARS / TASK
	Rate Year	Senior Project Manager I	Professional Surveyor IV	Survey Party Chief III	Survey Party Chief II	Survey Party Chief I	Survey Technician	Admin Assistant		
LABOR										
LCRSP & Deed Research										
Travel	2025								0	\$0.00
Survey Notices and Interviews	2025						1	1	2	\$160.41
Deed & Section Corner Reference Research	2025				10				10	\$1,088.70
Property & Section Corner Tie-In	2025			12	8				20	\$2,412.84
Property Line Analysis and LCRS Plat Preparation	2025	1	24						25	\$4,771.86
SUBTOTAL: LCRSP & Deed Research		1	24	12	18	0	1	1	57	\$8,433.81
Horizontal Control										
Re-establish Highway & R.R Baselines	2025								0	\$0.00
Tie-In Survey Baseline and Random Control	2025			2	2				4	\$474.72
Network Adjustments & Baseline Calculations	2025								0	\$0.00
Stake Out Primary Baseline	2025			8	8				16	\$1,898.88
Stake Out S-Lines	2025								0	\$0.00
Set Aerial Panels & Tie-In	2025								0	\$0.00
Reference Horizontal Control Points	2025			1	1				2	\$237.36
SUBTOTAL: Horizontal Control		0	0	11	11	0	0	0	22	\$2,610.96
Vertical Control										
Bench and Random Control Level Circuit	2025			2	2				4	\$474.72
Aerial Panel Level Circuit	2025								0	\$0.00
SUBTOTAL: Vertical Control		0	0	2	2	0	0	0	4	\$474.72
Topo & Cross Sections										
Utility Research & Location	2025		2	8	8				18	\$2,278.92
Storm & Sanitary Sewer Structure Details	2025			8	8				16	\$1,898.88
Topo (w/ Surface Model) Survey Baseline	2025			16	16				32	\$3,797.76
Topo (w/ Surface Model) S-Lines	2025								0	\$0.00
Hydraulic Cross Sections	2025								0	\$0.00
Local Testimony / High Water Levels	2025								0	\$0.00
Stream Data / Present Structure	2025								0	\$0.00
Storm & Sanitary Sewer Structure Details	2025								0	\$0.00
SUBTOTAL: Topo & Cross Sections		0	2	32	32	0	0	0	66	\$7,975.56



Topographic Survey

Project Name: 141st St. & Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION								TOTAL HOURS / TASK	TOTAL DOLLARS / TASK
	Rate Year	Senior Project Manager I	Professional Surveyor IV	Survey Party Chief III	Survey Party Chief II	Survey Party Chief I	Survey Technician	Admin Assistant		
Final Field Notes & QC/QA										
Topo Data Collection Compilation	2025		8						8	\$1,520.16
Develop Surface Model DTM & Contours	2025		10						10	\$1,900.20
Field Notes & Calculations	2025		8						8	\$1,520.16
Crew Coordination & Project Review	2025	1	2						3	\$591.42
Final Notebook Review	2025	1	8						9	\$1,731.54
Project Management & QC/QA	2025	1	4						5	\$971.46
SUBTOTAL: Final Field Notes & QC/QA		3	40	0	0	0	0	0	43	\$8,234.94
Total Hours	ECI	4	66	57	63	0	1	1	192	\$27,729.99
Hourly Rate (2025)		\$211.38	\$190.02	\$128.49	\$108.87	\$0.00	\$78.15	\$82.26		
Hourly Rate (2026)	3.0%	\$217.72	\$195.72	\$132.34	\$112.14	\$0.00	\$80.49	\$84.73		
Hourly Rate (2027)	3.0%	\$224.25	\$201.59	\$136.32	\$115.50	\$0.00	\$82.91	\$87.27		
Hourly Rate (2028)	3.0%	\$230.98	\$207.64	\$140.40	\$118.97	\$0.00	\$85.40	\$89.89		
							Total Labor Cost			\$27,729.99
DIRECT EXPENSES	No.	Unit		No.	Unit	Rate				
Mileage (Site)	14	Trips x		240	Mi./Trip x	\$0.67				\$2,251.20
Mileage (On-Site Miles)		Trips x			Mi./Trip x					\$0.00
Lodging		Rooms x			Nights x					\$0.00
Per Diem		Staff x			Days x					\$0.00
SUBCONSULTANT FEES										
Total Direct Expense Cost and Subconsultant Fees										\$2,251.20
TOTAL FEE:										\$30,000.00



Utility Coordination

Project Name: 141st St. & Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS	TOTAL DOLLARS
	Rate Year	Senior Project Manager II	Senior Engineer I	Lead Utility and Railroad Coordinator	Project Engineer III	Utility & Railroad Coordinator	Utility & Railroad Support	Engineering Intern I	Engineering Designer II	/ TASK	/ TASK
DIRECT LABOR											
<i>General Requirements</i>											
Research Utility Facilities within Project	2025					2	4			6	\$620.94
Create and Maintain Utility Files and Correspondence Records	2026					2	8			10	\$1,059.03
Input Data and Maintain INDOT UMS										0	\$0.00
Prepare and Distribute INDOT Letter of Project Initial Notice	2025			1		2	4			7	\$778.30
Prepare and Distribute Utility Letter of Facility Verification Phase	2025			1		2	4			7	\$778.30
Prepare and Distribute Utility Letter of Facility Conflict Identification	2026			1		2	4			7	\$801.65
Prepare and Distribute Utility Letter of Utility Work Plan Development	2026			1		2	4			7	\$801.65
Develop, Coordinate, and Submit Utility Risk Assessments										0	\$0.00
SubTotal General Requirements										44	\$4,839.86
<i>Project Utility Meetings (including travel)</i>											
Initial Kick off Meeting and Goal Establishment	2025			1						1	\$157.36
Utility On-site Needs Assessment for Design and Construction	2025					2				2	\$213.70
Progress Reports and Progress Meetings	2026			4		2	2			8	\$1,078.16
Preparation of Utility Exhibits for Meetings	2026					2	2			4	\$429.84
Prepare and Attend Preliminary Field Check	2025					4				4	\$427.40
Internal Project Team Meetings	2026			4		2				6	\$868.43
Prepare for and Attend Final Field Check	2026									0	\$0.00
Prepare for and Attend Conflict Resolution Meetings	2026			4		4				8	\$1,088.55
Coordinate Utility Work Plans with Railroad	2026									0	\$0.00
Sub Total Project Utility Meetings										33	\$4,263.44
<i>Utility/Design Integration</i>											
Evaluate Potential Utility Impacts for Design Alternatives	2025			4		4				8	\$1,056.84
Coordinate Utility Records and Collect One Call with Survey	2025					4				4	\$427.40
Integrate, Review, and Update Utility Information into Design Files	2025			4						4	\$0.00
Develop and Update Utility Plan Sheets	2025					4				4	\$427.40
Identify and Coordinate SUE services	2026			12		4	4			20	\$2,804.65
Develop, Maintain, and Update Utility Conflict Matrix	2026					8				8	\$880.44
Develop and Coordinate Design Alternatives to Minimize Utility Impacts										0	\$0.00
Sub Total Utility/Design Integration										48	\$5,596.73
<i>Utility ROW Integration</i>											
Identify and Obtain all Utility Property Interest Documents										0	
Integrate, Review, and Update Easement information into ROW Engineering										0	
Identify and Coordinate Acquisition of Parcels containing Utility Easements										0	
Coordinate Execution of Subordination or Similar Agreements										0	



Utility Coordination

Project Name: 141st St. & Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

	STAFF HOURS BY CLASSIFICATION									TOTAL	TOTAL
Coordinate Acquisition of Utility ROW with Acquisition										0	\$0.00
Sub Total ROW Integration										0	\$0.00
<i>Receive, Review, and Develop Reimbursement Documents</i>											
Coordinate and Obtain Utility Cost Estimates										0	\$0.00
Coordinate Completed Execution of Reimbursement Agreements										0	\$0.00
Coordinate to Receive, Review, and Approve Invoices										0	\$0.00
Coordinate and Issue Letter for Final Invoice										0	\$0.00
Sub Total Receive, Review, and Develop Reimbursement Documents										0	\$0.00
<i>Receive, Review, and Develop Contract Documents</i>											
Coordinate and Conduct Utility Constructability Reviews	2026			8		8				16	\$2,177.09
Coordinate, Review, and Approve Utility Work Plans	2027			8		8				16	\$2,242.40
Develop Utility Relocation Schedule and Master Relocation Plan	2027			4		8				12	\$1,574.63
Develop Utility Special Provisions and Contract Deliverables	2027			4		8				12	\$1,574.63
Sub Total Receive, Review, and Develop Contract Documents										56	\$7,568.75
<i>Construction Phase Utility Coordination</i>											
Distribute Utility Relocation Notice to Proceeds	2027			2		4	4			10	\$1,219.36
Coordinate and Track Utility Relocations	2027			2		4	4			10	\$1,219.36
Attend Construction Progress Meetings	2027			4		4				8	\$1,121.20
Issue Letter Completion of Work Plans										0	\$0.00
Submit Utility Records for State Retention										0	\$0.00
Subtotal Construction Phase Utility Coordination										28	\$3,559.91
										0	\$0.00
Total Hours	ECI	0	0	69	0	96	44	0	0	418	\$25,828.71
Average Rate(2024)		\$239.88	\$215.00	\$1.00	\$1.00	\$101.85	\$97.05	\$101.67	\$139.08		
Average Rate(2025)	3.0%	\$247.08	\$221.45	\$157.36	\$173.32	\$106.85	\$101.81	\$104.72	\$143.25		
Average Rate(2026)	3.0%	\$254.49	\$228.09	\$162.08	\$178.52	\$110.06	\$104.86	\$107.86	\$147.55		
Average Rate(2027)	3.0%	\$262.12	\$234.94	\$166.94	\$183.88	\$113.36	\$108.01	\$111.10	\$151.98		
Total Labor Cost											\$25,828.71
Total Labor Cost											\$25,828.71
DIRECT EXPENSES	No.	Unit	No.	Unit	Rate						
Mileage (Site)	3	Trips x	50	Mi./Trip x	\$0.49						
Mileage (On-Site Miles)		Trips x		Mi./Trip x	\$0.49						
Total Direct Expense Cost											\$73.50
TOTAL FEE:											\$26,000.00



Construction Phase Services

Project: 141st St. and Howe Rd. Roundabout
Client: City of Noblesville, IN
Lochgroup Project No.: 125-1006

TASK DESCRIPTION	STAFF HOURS BY CLASSIFICATION									TOTAL HOURS	TOTAL DOLLARS
	Rate Year	Senior Project Manager II	Senior Engineer II	Project Engineer IV	Project Engineer III	Project Engineer II	Engineering Intern III	Engineering Intern I	Engineering Designer II	/ TASK	/ TASK
DIRECT LABOR											
Attend Preconstruction Conference	2027		2	2						4	\$912.37
Questions during construction (up to 4 RFI's)	2027	2	4	8						14	\$3,237.10
Shop Drawing Review	2027		6							6	\$1,400.39
Total Hours	ECI	2	12	10	0	0	0	0	0	24	\$5,549.86
Average Unburdened Rate (2025)		\$245.64	\$220.00	\$210.00	\$165.21	\$131.61	\$118.59	\$101.67	\$127.80		
Average Unburdened Rate (2026)	3.0%	\$253.01	\$226.60	\$216.30	\$170.17	\$135.56	\$122.15	\$104.72	\$131.63		
Average Unburdened Rate (2027)	3.0%	\$260.60	\$233.40	\$222.79	\$175.27	\$139.63	\$125.81	\$107.86	\$135.58		
Average Unburdened Rate (2028)	3.0%	\$268.42	\$240.40	\$229.47	\$180.53	\$143.81	\$129.59	\$111.10	\$139.65		
								Total Labor Cost			\$5,549.86
Total Labor Cost										\$5,549.86	
DIRECT EXPENSES											
	No.	Unit		No.	Unit	Rate					
Mileage (Site)		Trips x			Mi./Trip x	\$0.67					
Mileage (On-Site Miles)		Trips x			Mi./Trip x	\$0.67					
Mileage (LDO)		Trips x			Mi./Trip x	\$0.67					
Total Direct Expense Cost											\$0.00
TOTAL FEE:											\$5,600.00



February 27, 2025

Doug Homan, P.E.
Lochmueller Group (Lochmueller)
Via electronic mail: Doug.Homan@lochgroup.com

Re: Proposal for Professional Services
Geotechnical Evaluation
141st Street and Howe Road Roundabout
Noblesville, Indiana
Terracon Proposal No. PCJ255054

Dear Doug:

We understand that representatives of the City of Noblesville, with the assistance of federal funds, are planning to make improvements to the intersection of 141st Street and Howe Road. Based on the preliminary concept provided by Lochmueller (provided in attachment), we understand that the improvements will include the construction of a new roundabout at the intersection. The planned roadway improvements are planned to vary in length for about 200 to 400 ft in each direction. Drainage improvements consisting of storm sewers are planned to be established within 10 ft of the existing ground surface. We assume MOT during construction will be road closure.

Based on the publicly available information, loam till soil is mapped at the proposed location. Our proposed scope of services will include:

- Completing up to six test borings to a depth of 15 ft in the areas of intersection improvement. Additionally, four pavement cores will be performed at the tie-in locations on each leg. Test borings will be completed within the existing roadway utilizing traffic control consisting of flaggers and appropriate signage. We will coordinate our activities with public utilities (i.e., Indiana 811) and the City of Noblesville.
- Completing a laboratory testing program sufficient to characterize the subsurface conditions for the proposed roadway improvements; and
- Preparing a geotechnical report to provide geotechnical recommendations for the roadway subgrade, earthwork, and storm sewer recommendations.

For the above scope of work, we propose to provide our geotechnical engineering services on a lump sum basis for a fee of \$15,875. Note that this fee also includes a traffic control fee of \$2,000. We propose 12 weeks to completion of Geotechnical Report from Notice to Proceed.

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

Doug Homan, P.E.
Lochmueller Group
141st Street and Howe Road Roundabout – Noblesville, Indiana

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

TERRACON CONSULTANTS, INC.

Belayneh Desta, P.E.
Project Engineer

Karan B. Doshi, P.E.
Project Engineer

Terracon Consultants, Inc.

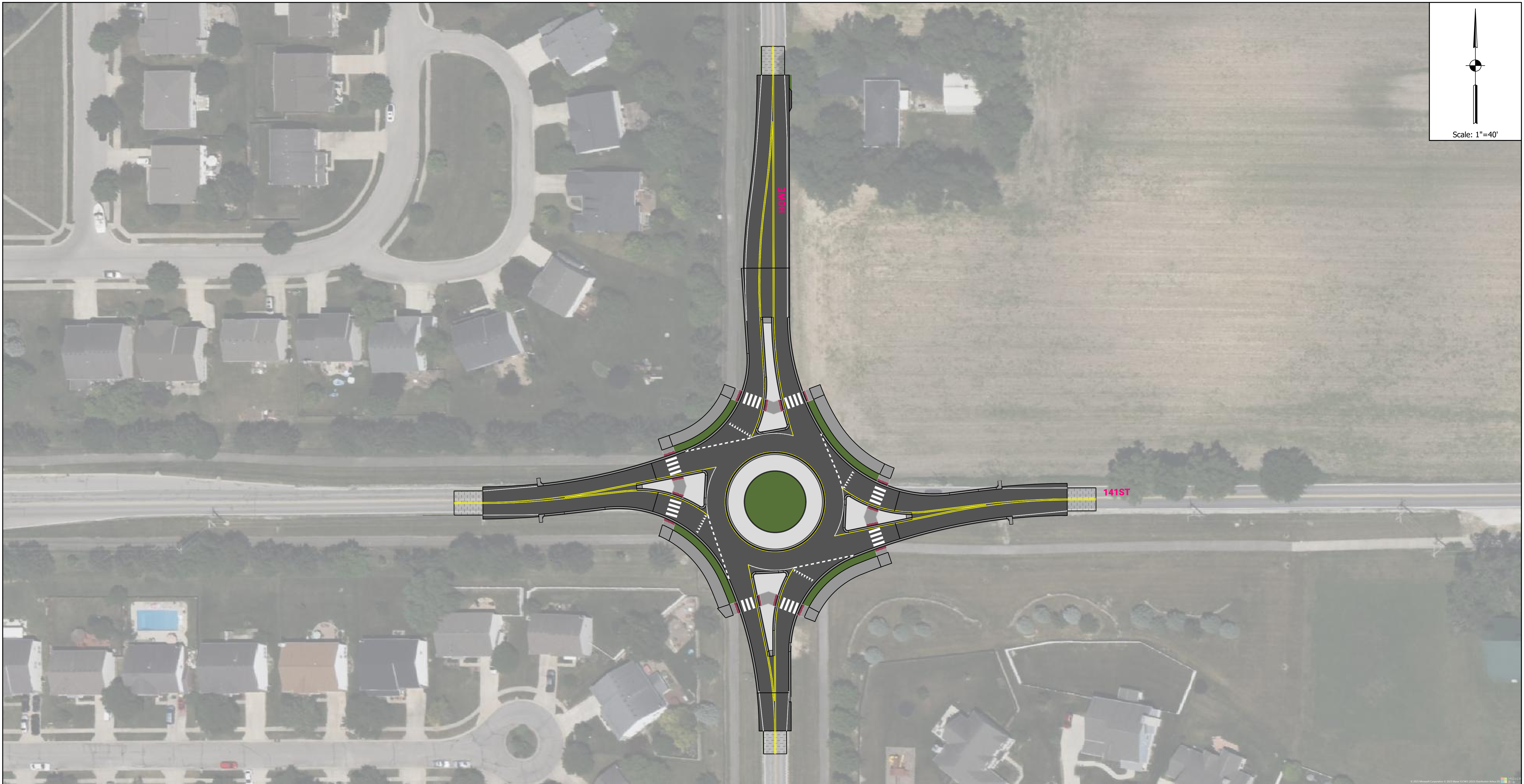
Construction Observations

Rates by Classification

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

Geotechnical and Pavement Engineering Justification
141st Street and Howe Road Roundabout
Noblesville, Indiana

Designation/Classification		PROJECT TEAM HOURS														Reimbursable / Costs	Sub Totals	
		Engineering Staff						Non-Engineering Staff				Geophysicist		CADD	Admin Staff			
		Principal Engr	Senior Engineer	Group Manager	Project Engr	Senior Staff Engr	Staff Engr	Assistant PM	Drilling Dept Mgr	Lab Manager	Assistant Geologist	Senior Project Geophysicist	Project Geophysicist					
Tasks/Base Hourly Rate (\$)		\$286.15	\$249.10	\$214.87	\$202.22	\$166.91	\$135.64	\$110.62	\$147.04	\$104.26	\$86.67	\$163.89	\$147.04	\$123.65	\$106.72			
Geotechnical Field & Lab	Marking test borings and performing hand augers							4								\$34	\$477	
	Field checks, coordinating the field work with utilities and sub contractors							2							1		\$328	
	Obtaining required permits							2							1		\$328	
	Coordination with Property owners																	
	Exploratory field work															\$4,106	\$4,106	
	Traffic control																\$2,000	\$2,000
	Laboratory testing																\$2,600	\$2,600
Traffic Control	Union Representation																	
	Coordinating field work with Traffic control sub-contractor								1								\$147	
Geotechnical Report, Final Check Print and Foundation Review	Review of Historical Documents & Current Plans				1												\$202	
	Prepare Exploratory Program, Review and Concurrence with Client	1			1		1	1									\$735	
	Visually Classify Samples and Assign Laboratory Tests				1		2	2									\$799	
	Prepare gINT boring Logs									1					2		\$318	
	Review Boring Logs and Lab test data (QC/QA)				1		2	2		1							\$799	
	Prepare Roadway subsurface Profiles																	
	Prepare Bridge subsurface profiles																	
	Preparation of geotechnical recommendations, report, appendices and concurrence with INDOT.																	
	a. Without Soil Subgrade Investigations.																	
	b. With Soil Subgrade Recommendations.	1			4		8	2						1	1		\$2,632	
	c. Soil Subgrade Recommendations (ONLY).																	
	d. Soil Profile Drawing																	
	e. Development of Uniques Special Provisions.																	
Foundation review																		
Final Check Prints					2												\$404	
Geotechnical Analysis	Review of MSE Shop Drawings and Calculations (DM 20-18)																	
	Geotechnical Data Report & Technical memoranda for DB, DBBV & PPP projects																	
	Settlement Analysis And Recommendations For Embankment																	
	a. Proposed Embankment																	
	b. Proposed and Existing Embankment.																	
	Ground Modification Design																	
	Slope Stability Analysis																	
	Bridge Foundation Analysis And Recommendations																	
	a. Spread foundation																	
	b. Deep foundation																	
	c. Settlement analysis for bridge pier foundation (i, ii, iii)																	
	d. Foundation on Bedrock																	
	Retaining Structure Analysis And Recommendations																	
	a. Conventional Retaining Structure																	
	i. Spread Foundation																	
	ii. Deep Foundation																	
	iii. Settlement Analysis For Retaining Wall Foundations																	
	b. Pile Retaining Structure Analysis And Recommendations																	
	i. Free Standing Structure																	
	ii. Retaining Structure With Tie-Back System																	
	c. Drilled-In-Pier Retaining Structure Analysis																	
	i. Free-Standing Structure																	
	ii. Retaining Structure With Tie-Back System																	
	d. Soil Nailing Wall																	
	Seepage Analysis																	
	Deep Dynamic Compaction Analysis																	
Construction Inspection & Monitoring	Monitoring Geotechnical Instrumentation																	
	a. Monitoring Geotechnical Instrumentation																	
	b. Field Inspector																	
	Field Compaction Testing																	
	a. Dynamic Cone Penetration (Dcp) Test																	
	b. Light Weight Deflectometer (Lwd)																	
	Static Load Test																	
Foundation Evaluation by Non-Destructive Methods	Final Construction Inspection Report																	
	Foundations																	
Geophysical Investigations	Geophysical Investigations																	
Geotechnical Project Management (For Lead Geotechnical Consultant Only)	Project Management																	
	a. Project Coordination																	
	b. Project Website																	
	Geotechnical Review																	
Pavement Design	a. Structure Report																	
	b. Roadway Report																	
Pavement Analysis And Report (one pavement section)																		
Total Hours		2	0	0	10	0	13	15	1	3	0	0	0	1	5		TOTAL	
Fee by Classification		\$572.30	\$0.00	\$0.00	\$2,022.20	\$0.00	\$1,763.32	\$1,659.30	\$147.04	\$312.78	\$0.00	\$0.00	\$0.00	\$123.65	\$533.60	\$8,740.30	\$15,874.49	



Scale: 1"=40'



TRANSPORTATION &
DEVELOPMENT CONSULTANTS

CITY OF NOBLESVILLE ROUNDAABOUT AT 141st ST & HOWE RD





SAM, LLC

929 Eastwind Dr Suite 201 Westerville, OH 43081

Ofc 330-794-4455

info@sam.biz www.sam.biz

Delivery Method: Via Email: Jeremy.Ross@lochgroup.com

March 4th, 2025

Jeremy Ross
Lochmueller Group
3502 Woodview Trace, Suite 150
Indianapolis, IN 46268

**RE: Subsurface Utility Engineering Services
Hamilton County 141st and Howe Rd SUE Services
Project Number: 1025097454**

Dear Jeremy:

Surveying And Mapping, LLC (SAM) is pleased to provide this proposal for professional Subsurface Utility Engineering (SUE) Quality Level A (if authorized), B, and Surveying services to Lochmueller Group for the 141st St and Howe Rd SUE project in Hamilton County, IN. This proposal has been prepared based on our 3/4/25 email conversation.

After you have reviewed the attached proposed Scope of Services and associated fees, please do not hesitate to call if you have any questions or comments. Again, thank you for the opportunity to be of service. We are looking forward to working with you on this important project.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Rhett Sloan', is written over a light blue circular background.

Surveying And Mapping, LLC.

Rhett Sloan
Senior Project Manager
(c) 234-417-9988

Cc : Michael Wine

Attachments :

- Proposal
- A. Site Map
- B. Terms and Conditions



Project Description

SAM proposes to provide subsurface utility engineering (SUE) services in an attempt to identify existing subsurface utilities (minus exclusions stated below) (hereafter referred to as underground utilities) within the outlined area shown on **Attachment A** (outlined area).

The work will be conducted in accordance with the Construction Institute (CI)/American Society of Civil Engineers (ASCE) Standard 38-02, *Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data*. This document is the standard upon which SUE is conducted, defining the service as:

A branch of engineering practice that involves managing certain risks associated with: utility mapping at appropriate quality levels, utility coordination, utility relocation design and coordination, utility condition assessment, communication of utility data to certain parties, utility relocation cost estimates, implementation of utility accommodation policies, and utility design.

Scope of Services

The proposed scope of services includes:

Records Research - Quality Level D

Conducting utility records research to assist in identifying utility owners that may have facilities on or be affected by the project. Applicable utility owner records will be requested, responses will be documented, and record information will be compiled. Designating staff will review records for indications of additional available records, duplicate information, and a need for clarifications by utility owners.

Incorporate above ground features - Quality Level C

Identifying surface features on the topographic plan and ground surface that are surface appurtenances of existing subsurface utilities. If records and features do not agree, further record review and field reconnaissance will be undertaken to resolve discrepancies. Work will incorporate Quality Level D findings.

Designating and Marking - Quality Level B

SAM staff will utilize the suite of geophysical equipment in each vehicle to attempt to designate the utilities identified in the Project Description within the areas of interest identified in Attachment A shown by a red polygon outline. Quality Level B services for this project include:

- Obtaining permits from city, county or other municipalities to allow SAM, LLC staff to work in streets, roads, or right-of-ways.
- Utilizing normal traffic control, including standard placement of traffic cones, freestanding warning signage and vehicle-mounted traffic directional sign.
- Designating and marking underground utilities within the project limits using an appropriate suite of surface geophysical methods. Equipment that may be utilized includes:
 - Radiodetection - RD8100 and Metrotech Vivax VM 810 & vLocML Cable and Pipe Locator
 - Acoustic - ULTRA-TRAC® Acoustic Pipe Locator
 - GPR - Single and/or Dual Frequency



- Magnetic locators
- Rodders, Sondes (transmitters) and Receivers for non-conductive utility detection, other than electric
- Marking the utilities at maximum 50 foot intervals and at changes in direction
- Attempting to locate water lines, force mains, and other non-tonable utilities using ground penetrating radar. If successful, these utilities will be marked as Quality Level B. If unsuccessful, these utilities will be marked Quality Level D. If appropriate, Test Holes may be recommended to establish the precise location for design.
- Marking each utility run with the appropriate surveying code and number for each mark. This will be noted on the field sketch for use by the surveyor and our quality control staff.
- SAM will survey markings, and any other pertinent information, as is reasonably ascertainable, that indicate the presence of a utility. Horizontal data will be held to the accuracies and precision dictated by the project's survey control.
- Plotting survey data on base plans provided by client using either AutoCAD or MicroStation platforms.
- Providing a deliverable including engineering drawing(s) shown in plan view using the approved color codes for found utilities in accordance with CI/ASCE Standard 38-02 complete with utility professional seal and signature.

Limitations

The degree of success of GPR investigations are based entirely on the composition of the medium being studied and the depth and scale of the subsurface targets. Subsequently, due to the unknown nature of the soil and its susceptibility to the passage of radar/electromagnetic energy or the degree of which subsurface interfaces may produce distinguishable anomalies in the data, conclusive results cannot be guaranteed. Therefore, the possibility exists that our findings may prove inconclusive.

“IF AUTHORIZED” Locating - Quality Level A

Quality Level A services will include performing an estimated **10 test holes** to establish the exact location and elevation of critical utilities that may conflict with future construction. SAM will use minimally intrusive excavation techniques that protect the integrity of the utilities in question, and that of other lines that may be encountered. The test hole will be excavated using air and/or water assisted vacuum excavation equipment intended for this purpose.

The excavation procedure will include:

- Clearing the Test Hole area of surface debris.
- In paved areas, neatly cutting and removing existing pavement. Cut shall not exceed 225 square inches unless otherwise approved.
- Excavating the Test Hole utilizing the above-described equipment. The nominal diameter will not exceed 15 inches unless otherwise approved. Care will be taken to avoid damaging lines, wrappings, coatings, cathodic protection or other protective coverings and features. Hand digging will be conducted to the extent necessary to supplement the vacuum excavation process.
- Exposing the utility only to the extent required for identification and data collection purposes.



- Storing excavated material for re-use or disposal at an approved location near the project, as appropriate.

Data collected from the Test Hole will be recorded on a standard SAM, LLC *Test Hole Data Sheet* that will be subsequently sealed and dated. The location will be shown on the drawing. Data will include:

- Utility owner (if known)
- Top and/or bottom elevation of the utility relative to an above ground mark to a vertical accuracy of +/- 0.05 feet.
- Field sketch showing horizontal location referenced to a minimum of two physical structures existing in the field.
- Approximate centreline bearing of utility.
- Outside diameter of pipe, width of duct bank, and configuration of multi-conduit systems.
- Utility structure material composition, when reasonably ascertainable.
- Other pertinent information.

Site restoration will include:

- Replacing bedding material around exposed utility lines.
- Backfilling and compacting the excavation using a steel tamper bar in one-foot lifts.
- As applicable, providing permanent pavement restoration within the limits of the original cut using materials, compaction, and pavement thickness similar or equal to that found.
- For excavations in unpaved areas, restoring disturbed area, to the extent practical, to reflect pre-existing conditions.
- Furnishing and installing permanent surface marker (e.g., P.K. nail, peg, steel pin, or hub) directly above the centreline of the utility.
- Surveying the test hole marker.

The deliverable will include Test Hole Data Forms depicting found utility information in accordance with CI/ASCE Standard 38-02 complete with professional seal and signature. SAM will also update the existing CAD file with the test hole location(s).

3.0 Cost Proposal

SAM, LLC proposes to complete the above-described scope of services in accordance with the Standard Terms and Conditions included as **Attachment B** for the Lump Sum Cost of **\$10,500.00**.

Table 1
Cost Breakdown

Task	Total
Designating and Marking - Quality Level B	\$10,500.00
"IF Authorized" Locating - Quality Level A – 10 Test Holes	\$17,750.00
Total Lump Sum Fee:	\$10,500.00

This cost estimate is based on our current understanding described in the project description, the scope of services, and the assumptions listed below. In the event these items change in the course



of this project, the SAM project manager will be in touch concerning changes to the project cost and schedule.

Assumptions

Proposal

- This proposal is valid for a period of 90 days.

Required by Client

- **Access**
 - Client will provide complete access for SAM staff, equipment, and company vehicles, to the project site between the hours of 7:00 a.m. and 5:30 p.m. This does not state SAM staff will be on site during this time period. This is inclusive of sidewalks in front of businesses and private residences and curbside parking on either side of the road.
- **Notification and Coordination**
 - Client will notify local property owners of the work activities and schedule.
 - Client will facilitate coordination with the site owners to the extent required.
- **Records**
 - To the extent available, client will provide copies of available records for existing facilities and improvements prior to commencement of work.
 - To the extent available, client will provide CAD file of existing survey information including previously found utilities, topographic features, and survey control prior to the commencement of work.
- **Work Permits, Entry, and Training**
 - Client will facilitate work; excavation permits and entry forms to the extent required by the project.
 - Project specific training will not be required.
 - Confined space entry is not required.
- **Safety**
 - Client will facilitate safe access for vehicles, equipment, and personnel.

Traffic Control

- Traffic control requiring lane closures, traffic detouring, flag persons, police, etc., is considered special traffic control and is estimated for 1 day on this project and is included in this scope of services. If additional special traffic control is required, SAM, LLC can provide this service, at additional costs, utilizing a specialty subcontractor.

Weather

- SAM will notify the client of snow cover or other issues that may impede or delay the investigation.



Quality Level B Services

- **General Scope of Work:**
 - Unless requested, utilities designated will **not** include: a) storm and sanitary sewer mains or laterals (except metallic force mains, b) non-accessible empty conduits or empty utilities, c) vault or manhole limits/ dimensions, d) irrigation, fountain or sprinkler systems, e) underground storage tanks and associated piping/ wiring, f) traffic loop detectors, g) utility tunnels, h) traffic control/signalization related power and communications, i) illumination wiring, j) railroad signalization, k) grounding grids, l) grease traps and associated piping, m) septic tanks and distribution boxes, drain fields or abandoned wells.
 - Utility depths are not obtained as part of Quality Level B reporting.
 - Storm and Sanitary lines/structures are not included in this scope.
 - The survey of utility data designated by SAM will be completed by SAM, LLC and the horizontal data will be held to the accuracies and precision dictated by the project's survey control.
 - This work does not include de-watering vaults/manholes of telecom and or electric utilities. SAM will request this work to be done by the utility owner or can supply a supplemental fee for this work.
- **Limits of Technology:**
 - Our success in performing the scope of services for this work is limited to the extent of the technology utilized. Non-metallic piping, inactive electric and/or communication lines may or may not be found. SAM will not be responsible for omission of utility information that is not obtainable via equipment and methodologies it employs on this project.
 - The accuracy of subsurface data can be influenced by factors beyond our control such as conductivity of materials and their surroundings, soil moisture content, proximity of other underground utilities or structures, depth of utility, etc. Therefore, physical verification (through vacuum excavation or otherwise) is the only subsurface utility data that is collected to applicable engineering and/or surveying standards.
 - Other surface geophysical methods, such as terrain conductivity and point to source transmitters can be used, as appropriate. These techniques, although typically involving extra expense, can further refine the utility model. Generally, these extra refinements are not cost effective, and SAM will not apply these techniques without authorization of the client.
- **Work Product/ Deliverables:**
 - Record information utilized to create digital line work is placed in accordance with professional judgement as a best fit alignment. In doing this, the owner should be aware of the inaccuracies that may accompany these decisions.
 - Paint markings placed on the ground by SAM are to be used for design purposes only and not for construction. The use of this information does not relieve any contractor or the Client from the duty to comply with applicable utility damage prevention laws and regulations, including, but not limited to, providing notification to utility owners or One-Call centers before excavation.



- SAM will develop an electronic file depicting its findings in accordance with ASCE 38-02 utilizing the applicable line types and color codes for the project. Supplemental field data can be provided upon request.
- Provide a corresponding AutoCAD/MicroStation file representing the SUE plan set. The paper set and PDF shall stand as the official record of SAM, LLC's work under this project. CAD files can be changed, manipulated, and compromised and so are provided with the understanding that SAM, LLC is not responsible for any changes to these files by the client or others.

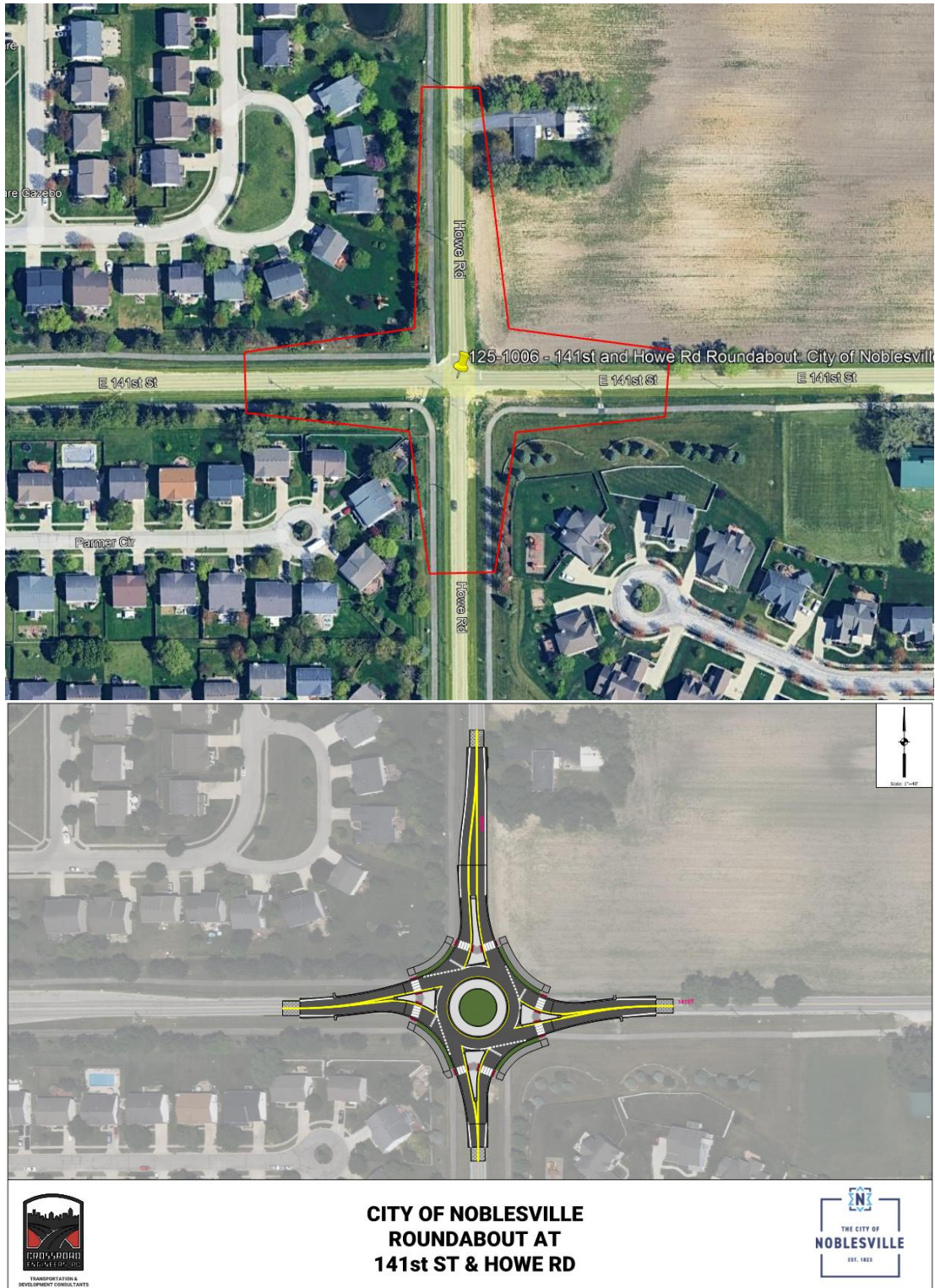
Quality Level A Services

- If the utilities are over 8 feet deep or a significant large gravel or caliche is encountered, non-destructive vacuum excavation techniques may be unsuccessful uncovering the utility. In such a case, the Test Hole results will be inconclusive.
- All test hole effort for this scope is estimated assuming a single utility will be identified for each location. If 2 or more utilities are shown to be at a single location the client will be billed per utility for the effort.
- Every effort will be made to excavate the Test Hole over the utility. However, if multiple holes are required to identify its location, additional charges will be incurred.
- The specialized traffic control effort estimated for this scope is confined to shoulder closures and minor single lane closures. The use of officers, attenuator trucks, and flagging crews over 2 people have not been accounted for. If test holes are required in locations requiring additional traffic control support SAM will advise and supply the client with a supplemental proposal for the additional effort.

5.0 Schedule of Services

Based on a written agreement and notice to proceed, we will mobilize within 14 days and complete the Quality Level A work in a safe and efficient manner working 7:00 a.m. to 5:30 p.m. Monday - Friday pending no weather delays or conditions beyond our control. SAM, LLC will submit the deliverable drawings and CAD file within 14 days upon the final collection of field data. Weather will be paramount to the success of a geophysical investigation and changing weather conditions may elongate the schedule of services. The project manager for SAM will keep the client apprised of the progress and any delays that occur.

ATTACHMENT A SITE MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

05/12/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER The Hilb Group of Indiana, LLC 811 Main Street Suite 101 Jasper IN 47546	CONTACT NAME: Rachel Thienes PHONE (A/C, No, Ext): (812) 437-7324 E-MAIL ADDRESS: rthienes@hilbgroup.com FAX (A/C, No): INSURER(S) AFFORDING COVERAGE INSURER A: Employers Mutual Casualty Company INSURER B: Travelers Property Casualty Co of America INSURER C: INSURER D: INSURER E: INSURER F:	NAIC # 21415 25674
INSURED Lochmueller Group INC, Velis, LLC 6200 Vogel Rd Evansville IN 47715-4006		

COVERAGES**CERTIFICATE NUMBER:** 25/26 ALL LINES *Master***REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			6X41127	01/24/2025	01/24/2026	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			6X41127	01/24/2025	01/24/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$ 0			6X41127	01/24/2025	01/24/2026	EACH OCCURRENCE \$ 8,000,000 AGGREGATE \$ 8,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input type="checkbox"/>	N / A	6X41127	01/24/2025	01/24/2026	<input checked="" type="checkbox"/> PER STATUTE E.L. EACH ACCIDENT \$ 1000000 E.L. DISEASE - EA EMPLOYEE \$ 1000000 E.L. DISEASE - POLICY LIMIT \$ 1000000
B	Excess Umbrella Liability			EX-B0827239	03/11/2025	03/11/2026	Each Occurrence \$2,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

TO ANY PERSON OR ORGANIZATION WHO IS REQUIRED BY WRITTEN CONTRACT WITH THE NAMED INSURED: BLANKET ADDITIONAL INSURED IS INCLUDED ON THE GENERAL LIABILITY, PRIMARY & NON CONTRIBUTORY WORDING IS INCLUDED ON THE GENERAL LIABILITY AND A WAIVER OF SUBROGATION IS INCLUDED ON THE GENERAL LIABILITY.
A 30 DAY NOTICE OF CANCELLATION IS INCLUDED ON THE GENERAL LIABILITY.

CERTIFICATE HOLDER**CANCELLATION**

City of Noblesville 16 S. 10th Street Noblesville IN 46060	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Diana M. Wildeman</i>
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Additional Named Insureds

Other Named Insureds

BLA Associates, LLC	Legal
Formerly Known As Bernardin Lochmueller & Associate	Legal
Multatech a Lochmueller Company	Other
Velis, LLC	Legal

ADDITIONAL COVERAGES

Ref #	Description Uninsured motorist combined single limit	Coverage Code UMCSL	Form No.	Edition Date
Limit 1 1,000,000	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description Underinsured motorist combined single limit	Coverage Code UNCSL	Form No.	Edition Date
Limit 1 1,000,000	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description Leased & Rented Equipment	Coverage Code	Form No.	Edition Date
Limit 1 \$100,000	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

05/12/2025

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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Walker Professional Insurance PO Box 55 Carmel IN 46082		CONTACT NAME: Holly Gill-Gaither PHONE (A/C, No, Ext): (317)759-9321 FAX (A/C, No): E-MAIL ADDRESS: Certificate@WalkerProfessional.com	
INSURED Lochmueller Group, Inc. 6200 Vogel Road Evansville IN 47715		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Casualty And Surety Co Of America INSURER B: Coalition Insurance Solutions INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 31194 29530	

COVERAGES**CERTIFICATE NUMBER:** CL2412244855**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Cyber Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			106652847	12/01/2024	12/01/2025	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ Aggregate Limit \$ 5,000,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below			N/A			PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability Claims Made Form			107737835	12/01/2024	12/01/2025	Per Claim Limit \$5,000,000 Aggregate Limit \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

30 days notice of cancellation, except for non-payment, shall be provided to the certificate holder for Professional Liability. Waiver of subrogation is provided on the Professional Liability policy in favor of the insured's client only if required by written contract.

B: C4N7X-115675-CEPSME-2024 Cyber Liability Excess with \$5,000,000 per claim and \$5,000,000 aggregate limits effective 12/1/2024-2025.

CERTIFICATE HOLDER**CANCELLATION**

City of Noblesville 16 S. 10th Street Noblesville IN 46060	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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ADDITIONAL COVERAGES

Ref #	Description Social Engineering	Coverage Code	Form No.	Edition Date
Limit 1 250,000	Limit 2	Limit 3	Deductible Amount 5,000	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

Ref #	Description	Coverage Code	Form No.	Edition Date
Limit 1	Limit 2	Limit 3	Deductible Amount	Deductible Type
Premium				

PURCHASE ORDER
CITY OF NOBLESVILLE
16 SOUTH 10TH STREET STE 270

PAGE: 1

INDIANA RETAIL TAX EXEMPT
CERTIFICATE NO. 0031216070010

FEDERAL EXCISE TAX EXEMPT
356001141

NOBLESVILLE IN 46060
PHONE: 317-776-6328
FAX: 317-776-6369

PURCHASE ORDER NO. 250218

THIS NUMBER MUST APPEAR ON INVOICES, A/P
VOUCHER, DELIVERY MEMO, PACKING SLIPS,
SHIPPING LABELS AND ANY CORRESPONDENCE.

SHIP TO:

TO

VENDOR # 10271
LOCHMUELLER GROUP INC
6200 VOGEL ROAD
EVANSVILLE IN 47715

ATTN:

DATE		DEPARTMENT		SHIP TO ARRIVE BY		
05/21/2025		STR/IMPROV&REHAB 026				
APPROPRIATION NUMBER	QUANTITY	UNIT	DESCRIPTION	PROJECT #	UNIT PRICE	AMOUNT
251026313.100	1.0		141ST & HOWE RAB PE	026.2502	200000.00	200000.00

SHIP VIA

TOTAL

200000.00

SHIPPING INSTRUCTIONS

* SHIP PREPAID
* C.O.D. SHIPMENTS CANNOT BE ACCEPTED
* PURCHASE ORDER NUMBER MUST APPEAR ON ALL
SHIPPING LABELS.
* THIS ORDER ISSUED IN COMPLIANCE WITH CHAPTER 99, ACTS 1945
AND ACTS AMENDATORY THEREOF AND SUPPLEMENTAL THERETO.

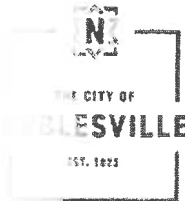
PAYMENT

* A/P VOUCHER CANNOT BE APPROVED FOR PAYMENT UNLESS THE P.O. NUMBER IS
MADE A PART OF THE VOUCHER AND EVERY INVOICE AND VOUCHER HAS THE
PROPER SWORN AFFIDAVIT ATTACHED.
* I HEREBY CERTIFY THAT THERE IS AN UNOBLIGATED BALANCE IN
THIS APPROPRIATION SUFFICIENT TO PAY FOR THE ABOVE ORDER.

ORDERED BY

TITLE

CONTROLLER



FINANCE & ACCOUNTING

Funding Verification/Encumbrance Request Form

Date to be submitted to BoW/Park Board: 5/27/25 (put N/A if not submitting to BoW/Park Board)Vendor Name: Lochmueller Group Inc 10271Vendor Address: 3502 Woodview Trace #150, Indianapolis, IN 46268Brief description of purchase: 141st & Howe RAB PE

Source of funding:

☐

Current Year Operational Budget

☐Subsequent Year Operational Budget¹☐Funding not yet finalized (attach explanation)²☒

Debt or debt proceeds

☐Unappropriated Fund³

Fund #	251
Department #	026
Project # (NA if no project #)	026.2502
Expense Object #	Amount
#1	313.100 \$ 200,000.00
#2	
#3	

¹ May only be selected AFTER the adoption of the subsequent year budget. OFA will create a PO after the start of the next year. If contract is entered in between form submission and the start of the year, contact OFA Staff.

² May only be selected in unusual circumstances. An additional FVF will need to be submitted to OFA once funding source has been determined.

³ OFA will not create a PO until this follow-up form has been submitted.

⁴ Funds not appropriated through the annual budget process. They include but are not limited to grant funds and impact fee funds.

Are you requesting that a Purchase Order (PO) be created for this expenditure?

☒Select for all purchases/contracts that will not be paid immediately☐Select ONLY if department plans to initiate payment immediately

The Department certifies that sufficient appropriation authority exists in the stated fund and expense series to obligate the expenditure for payment.

Department Director

Alison Krupski

5/15/25

(Signature)

(Printed Name)

(Date)

Please email completed form to OFAbudget@noblesville.in.us

FOR OFFICIAL USE ONLY

CFAA

Taken

Purchase Order Created

PO # (if applicable): 250218

Availability of funds (Contract/Purchase of over \$50k or paid with debt proceeds only)

OFA Signature Caitlin Kesner

Form Taken (Department should still include this form in purchase/contract approval submission)

Date: _____