



April 30, 2020

Board of Public Works & Safety  
City of Lafayette  
20 North 6<sup>th</sup> Street  
Lafayette, IN 47901

Dear Board Members:

You have before you an agreement with Christopher B. Burke Engineering, LLC for Vinton Woods Drainage Project. The Vinton Woods detention pond rehabilitation project is part of Lafayette's capital improvement program to improve the water quality of the Wabash River and other local streams and to address poor drainage conditions. When the Vinton Woods neighborhood was developed in the 1960s, stormwater from approximately 130 acres drained to its three connected detention ponds. Today, due to ongoing development upstream, approximately 521 acres drain from Munger Park and the surrounding residential area through the Vinton Woods ponds.

To assist the City with prioritization, Burke will complete a preliminary engineering study to identify the extent of the necessary improvements as well as the anticipated costs and recommended priority associated with the improvements.

The amount of this contract is for the not to exceed amount of \$84,700. This contract has been reviewed by the City Attorney and I recommend it for your approval.

Sincerely,

A handwritten signature in black ink, appearing to read "Brad W. Talley".

Brad W. Talley  
Superintendent  
Lafayette Renew





April 15, 2020

Brad Talley  
Superintendent  
Lafayette Renew  
1700 Wabash Ave.  
Lafayette, IN 47901

Subject: **Vinton Wood Drainage Project  
Professional Services Proposal**

Dear Mr. Talley:

Christopher B. Burke Engineering, LLC (Burke) is pleased to provide this proposal for professional engineering and planning services related to conducting a stormwater program assessment for the City of Lafayette. The following is our understanding of the assignment, scope of services, schedule, and fee in support of the project.

### UNDERSTANDING OF THE ASSIGNMENT

The Vinton Woods detention pond rehabilitation project is part of Lafayette's capital improvement program to improve the water quality of the Wabash River and other local streams and to address poor drainage conditions. When the Vinton Woods neighborhood was developed in the 1960s, stormwater from approximately 130 acres drained to its three connected detention ponds. Today, due to ongoing development upstream, approximately 521 acres drain from Munger Park and the surrounding residential area through the Vinton Woods ponds.

As part of the original Vinton Woods detention pond rehabilitation project, the City had proposed to dredge the three ponds and repair leaks in the approximately nine-foot tall dam at the north pond. The average depth of the ponds is two to three feet, and when they were installed the average depth was six to seven feet. However, since the original project was envisioned, additional issues have arisen. After heavy rain events the road between the south and middle pond floods to more than one foot deep. Flooding of this magnitude creates dangerous conditions for residents and emergency vehicles traveling in and out of the area. In warmer weather, standing water becomes stagnant. The roadway embankments between the ponds leak and the outlet structures have deteriorated. The upstream channels conveying stormwater to the ponds are eroding creating excess sediment that fills the sediment basin and the southern-most pond. The dam at the north end is in poor condition.

To assist the City with prioritization, Burke will complete a preliminary engineering study to identify the extent of the necessary improvements as well as the anticipated costs and recommended priority associated with the improvements.

### SCOPE OF SERVICES

**Task 1 – Survey:** Burke will subcontract TBird Design Services Corporation to collect topographic survey data to identify above ground visible features, utilities, tree lines, fencing, and structures in the project area. LiDAR will be used in the heavily wooded areas to supplement the ground survey. The surveyor will research properties to generate a property base map.

**Task 2 – Data Gathering and Review:** Burke will review the survey data, GIS data, plans, drawings, reports, and other information provided by the City pertinent to the project. Our staff will conduct a site visit to familiarize ourselves with existing conditions, document problem areas, and identify potential challenges related to designing improvements. It is assumed that a City representative will facilitate access to private property, if necessary.

**Task 3 – North Pond Dam Inspection:** Burke staff will conduct an inspection of the dam. Visual observations will be made for each component, including the crest, upstream and downstream slopes, abutments, and spillways. We will look for potential deficiencies such as settlement, structural cracking, erosion, sinkholes, animal burrows, depressions, seeps, improper vegetation, boils, turbid discharge, vandalism, and related conditions. While on site, we will complete a dam inspection checklist to document our field findings and then use those findings to inform any necessary design recommendation. It is expected that Burke will have access to the dam at a time when the grass length and vegetation is appropriate to perform the inspection.

**Task 4 – Hydrologic and Hydraulic Calculations:** Burke will perform hydrologic and hydraulic calculations to assess the conveyance channels, determine appropriate pond size, depth and control structures. Burke will delineate the drainage basins and compute runoff parameters in sufficient detail to determine what improvements to the pipe, channel or pond system may be warranted. Prior to modeling proposed improvements, Burke will meet with you to discuss the problem areas and to determine the design constraints for potential solutions. The hydrologic and hydraulic model will then be updated to reflect proposed improvements to determine their effectiveness.

**Task 5 – Preliminary Design:** Burke will develop a preliminary design for addressing problems within the study area. Potential design elements could include installation of storm sewers, construction or reconstruction of open channels, dredging of the ponds, clay lining the ponds, redesign of the ponds, changes to the sediment basin, design of outlet control structures, new road culverts and crossings, road repair, dam rehabilitation or a new dam. Burke will prepare a layout exhibit showing needed improvements and will develop conceptual opinions of probable construction cost based on estimated construction quantities. Burke will produce a memorandum that will include a discussion of the existing conditions including the dam field inspection results suggested improvements, conceptual opinions of probable construction cost, layout exhibits, and recommended priority. We will provide a draft copy of the memorandum to review and will make necessary revisions before printing the final document. This memorandum will be the final deliverable.

### SCHEDULE

Burke will follow the approximate schedule outlined below to present deliverables to the City.

Deliverable	Approximate Deadline
Survey	3 months from Notice to Proceed
Preliminary Design Memorandum	6 months from Notice to Proceed

### EXCLUDED SERVICES

This current proposal specifically excludes the following services:

1. Geotechnical engineering
2. Wetland delineation
3. Design drawings and specifications
4. Bidding assistance
5. Construction observation

**ESTIMATED FEE**

We have estimated the total fee for completing this project shall not exceed **\$84,700**. We will bill you monthly, on a time and material basis, for assigned tasks in accordance with our attached standard charges for professional services.

In addition, our contract will be established in accordance with the attached general terms and conditions, which are expressly incorporated into and are an integral part of this contract for professional services. It should be emphasized that any requested additional meetings or additional services that are not included in the preceding fee will be billed at the attached hourly rates.

If this proposal meets with your approval, please sign where indicated and return an executed original to us as our notice to proceed. The executed proposal, along with the estimated fee, and the attached general terms and conditions constitute the whole of our agreement. Any modification to any part of this agreement without prior acknowledgement and consent by Burke will make null and void this agreement. Any time commitment made by Burke as part of the agreement does not begin until Burke has received an executed original.

Burke affirms under penalties for perjury that the Consultant does not knowingly employ an unauthorized alien.

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. Please contact me or Jeff Fox at the number listed above if you have any questions.

Sincerely,



Jon D. Stolz, PE  
Managing Vice President

**THIS PROPOSAL, ESTIMATED FEE, AND GENERAL TERMS AND CONDITIONS ARE ACCEPTED BY THE CITY OF LAFAYETTE:**

Signature: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Enclosures:           Standard Charges for Professional Services  
                              General Terms and Conditions



	<u>(\$/Hr)</u>
<b><u>Personnel</u></b>	
Engineer VI.....	216
Engineer V.....	197
Engineer IV.....	172
Engineer III.....	144
Engineer I/II.....	113
Resource Planner V.....	160
Resource Planner IV.....	150
Resource Planner III.....	130
Resource Planner I/II.....	105
Engineering Technician IV.....	155
Engineering Technician III.....	139
Engineering Technician I/II.....	105
CAD II.....	130
CAD I.....	107
GIS Specialist IV.....	155
GIS Specialist III.....	139
GIS Specialist I/II.....	100
Environmental Resource Specialist V.....	151
Environmental Resource Specialist IV.....	139
Environmental Resource Specialist III.....	125
Environmental Resource Specialist I/II.....	105
Environmental Resource Technician.....	99
Administrative.....	75
Engineering Intern.....	60
Information Technician I/II.....	75

Direct Costs  
 Outside Copies, Blueprints, Messenger, Delivery Services, Mileage..... Cost + 12%

*\*Charges include overhead and profit*

*Christopher B. Burke Engineering, LLC reserves the right to increase these rates and costs by 5% if the contract is executed after December 31, 2020.*



1. **Relationship Between Engineer and Client:** Christopher B. Burke Engineering, LLC (Engineer) shall serve as Client's professional engineer consultant in those phases of the Project to which this Agreement applies. This relationship is that of a buyer and seller of professional services and as such the Engineer is an independent contractor in the performance of this Agreement and it is understood that the parties have not entered into any joint venture or partnership with the other. The Engineer shall not be considered to be the agent of the Client. Nothing contained in this Agreement shall create a contractual relationship with a cause of action in favor of a third party against either the Client or Engineer.

Furthermore, causes of action between the parties to this Agreement pertaining to acts of failures to act shall be deemed to have accrued and the applicable statute of limitations shall commence to run not later than the date of substantial completion.

2. **Responsibility of the Engineer:** Engineer will strive to perform services under this Agreement in accordance with generally accepted and currently recognized engineering practices and principles, and in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, express or implied, and no warranty or guarantee is included or intended in this Agreement, or in any report, opinion, document, or otherwise.

Notwithstanding anything to the contrary which may be contained in this Agreement or any other material incorporated herein by reference, or in any Agreement between the Client and any other party concerning the Project, the Engineer shall not have control or be in charge of and shall not be responsible for the means, methods, techniques, sequences or procedures of construction, or the safety, safety precautions or programs of the Client, the construction contractor, other contractors or subcontractors performing any of the work or providing any of the services on the Project. Nor shall the Engineer be responsible for the acts or omissions of the Client, or for the failure of the Client, any architect, engineer, consultant, contractor or subcontractor to carry out their respective responsibilities in accordance with the Project documents, this Agreement or any other agreement concerning the Project. Any provision which purports to amend this provision shall be without effect unless it contains a reference that the content of this condition is expressly amended for the purposes described in such amendment and is signed by the Engineer.

3. **Changes:** Client reserves the right by written change order or amendment to make changes in requirements, amount of work, or engineering time schedule adjustments, and Engineer and Client shall negotiate appropriate adjustments acceptable to both parties to accommodate any changes, if commercially possible.
4. **Suspension of Services:** Client may, at any time, by written order to Engineer (Suspension of Services Order), require Engineer to stop all, or any part, of the services required by this Agreement. Upon receipt of such an order, Engineer shall immediately comply with its terms and take all reasonable steps to minimize the costs associated with the services affected by such order. Client, however, shall pay all costs incurred by the suspension, including all costs necessary to maintain continuity and for the resumption of the services upon expiration of the Suspension of Services Order. Engineer will not be obligated to provide the same personnel employed prior to suspension, when the services are resumed, in the event that the period of suspension is greater than thirty (30) days.

5. **Termination:** This Agreement may be terminated by either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. This Agreement may be terminated by Client, under the same terms, whenever Client shall determine that termination is in its best interests. Cost of termination, including salaries, overhead and fee, incurred by Engineer either before or after the termination date shall be reimbursed by Client.
6. **Documents Delivered to Client:** Drawings, specifications, reports, and any other Project Documents prepared by Engineer in connection with any or all of the services furnished hereunder shall be delivered to the Client for the use of the Client. Engineer shall have the right to retain originals of all Project Documents and drawings for its files. Furthermore, it is understood and agreed that the Project Documents such as, but not limited to reports, calculations, drawings, and specifications prepared for the Project, whether in hard copy or machine-readable form, are instruments of professional service intended for one-time use in the construction of this Project. These Project Documents are and shall remain the property of the Engineer. The Client may retain copies, including copies stored on magnetic tape or disk, for information and reference in connection with the occupancy and use of the Project.

When and if record drawings are to be provided by the Engineer, Client understands that information used in the preparation of record drawings is provided by others and Engineer is not responsible for accuracy, completeness, nor sufficiency of such information. Client also understands that the level of detail illustrated by record drawings will generally be the same as the level of detail illustrated by the design drawing used for project construction. If additional detail is requested by the Client to be included on the record drawings, then the Client understands and agrees that the Engineer will be due additional compensation for additional services.

It is also understood and agreed that because of the possibility that information and data delivered in machine readable form may be altered, whether inadvertently or otherwise, the Engineer reserves the right to retain the original tapes/disks and to remove from copies provided to the Client all identification reflecting the involvement of the Engineer in their preparation. The Engineer also reserves the right to retain hard copy originals of all Project Documentation delivered to the Client in machine readable form, which originals shall be referred to and shall govern in the event of any inconsistency between the two.

The Client understands that the automated conversion of information and data from the system and format used by the Engineer to an alternate system or format cannot be accomplished without the introduction of inexactitudes, anomalies, and errors. In the event Project Documentation provided to the Client in machine readable form is so converted, the Client agrees to assume all risks associated therewith and, to the fullest extent permitted by law, to hold harmless and indemnify the Engineer from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising therefrom or in connection therewith.

The Client recognizes that changes or modifications to the Engineer's instruments of professional service introduced by anyone other than the Engineer may result in adverse consequences which the Engineer can neither predict nor control. Therefore, and in consideration of the Engineer's agreement to deliver its instruments of professional service in machine readable form, the Client agrees, to the fullest extent permitted by law, to hold harmless and indemnify the Engineer from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising out of or in any way connected with the modification, misinterpretation, misuse, or reuse by others of the machine readable information and data provided by the Engineer under this Agreement. The foregoing indemnification applies, without limitation, to any use of the Project Documentation on other projects, for additions to this Project, or for completion of this Project by others, excepting only such use as may be authorized, in writing, by the Engineer.

7. **Reuse of Documents:** All Project Documents including but not limited to reports, opinions of probable costs, drawings and specifications furnished by Engineer pursuant to this Agreement are intended for use on the Project only. They cannot be used by Client or others on extensions of the Project or any other project. Any reuse, without specific written verification or adaptation by Engineer, shall be at Client's sole risk, and Client shall indemnify and hold harmless Engineer from all claims, damages, losses, and expenses including attorney's fees arising out of or resulting therefrom.

The Engineer shall have the right to include representations of the design of the Project, including photographs of the exterior and interior, among the Engineer's promotional and professional materials. The Engineer's materials shall not include the Client's confidential and proprietary information if the Client has previously advised the Engineer in writing of the specific information considered by the Client to be confidential and proprietary.

8. **Standard of Practice:** The Engineer will strive to conduct services under this agreement in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions as of the date of this Agreement.
9. **Compliance with Laws:** The Engineer will strive to exercise usual and customary professional care in his/her efforts to comply with those laws, codes, ordinance and regulations which are in effect as of the date of this Agreement.

With specific respect to prescribed requirements of the Americans with Disabilities Act of 1990 or certified state or local accessibility regulations (ADA), Client understands ADA is a civil rights legislation and that interpretation of ADA is a legal issue and not a design issue and, accordingly, retention of legal counsel (by Client) for purposes of interpretation is advisable. As such and with respect to ADA, Client agrees to waive any action against Engineer, and to indemnify and defend Engineer against any claim arising from Engineer's alleged failure to meet ADA requirements prescribed.

Further to the law and code compliance, the Client understands that the Engineer will strive to provide designs in accordance with the prevailing Standards of Practice as previously set forth, but that the Engineer does not warrant that any reviewing agency having jurisdiction will not for its own purposes comment, request changes and/or additions to such designs. In the event such design requests are made by a reviewing agency, but which do not exist in the form of a written regulation, ordinance or other similar document as published by the reviewing agency, then such design changes (at substantial variance from the intended design developed by the Engineer), if effected and incorporated into the project documents by the Engineer, shall be considered as Supplementary Task(s) to the Engineer's Scope of Service and compensated for accordingly.

10. **Indemnification:** Engineer shall indemnify and hold harmless Client from loss or expense, including reasonable attorney's fees for claims for personal injury (including death) or property damage to the extent caused by the sole negligent act, error or omission of Engineer.

Client shall indemnify and hold harmless Engineer under this Agreement, from loss or expense, including reasonable attorney's fees, for claims for personal injuries (including death) or property damage arising out of the sole negligent act, error or omission of Client.

In the event of joint or concurrent negligence of Engineer and Client, each shall bear that portion of the loss or expense that its share of the joint or concurrent negligence bears to the total negligence (including that of third parties), which caused the personal injury or property damage.

Engineer shall not be liable for special, incidental or consequential damages, including, but not limited to loss of profits, revenue, use of capital, claims of customers, cost of purchased or replacement power,

or for any other loss of any nature, whether based on contract, tort, negligence, strict liability or otherwise, by reasons of the services rendered under this Agreement.

11. **Opinions of Probable Cost:** Since Engineer has no control over the cost of labor, materials or equipment, or over the Contractor(s) method of determining process, or over competitive bidding or market conditions, his/her opinions of probable Project Construction Cost provided for herein are to be made on the basis of his/her experience and qualifications and represent his/her judgement as a design professional familiar with the construction industry, but Engineer cannot and does not guarantee that proposal, bids or the Construction Cost will not vary from opinions of probable construction cost prepared by him/her. If prior to the Bidding or Negotiating Phase, Client wishes greater accuracy as to the Construction Cost, the Client shall employ an independent cost estimator Consultant for the purpose of obtaining a second construction cost opinion independent from Engineer.

12. **Governing Law and Dispute Resolutions:** This Agreement shall be governed by and construed in accordance with the laws of the State of Indiana.

Any claim, dispute or other matter in question arising out of or related to this Agreement, which cannot be mutually resolved by the parties of this Agreement, shall be subject to mediation as a condition precedent to arbitration (if arbitration is agreed upon by the parties of this Agreement) or the institution of legal or equitable proceedings by either party. If such matter relates to or is the subject of a lien arising out of the Engineer's services, the Engineer may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or by arbitration.

The Client and Engineer shall endeavor to resolve claims, disputes and other matters in question between them by mediation which, unless the parties mutually agree otherwise, shall be in accordance with the Construction Industry Mediation Rules of the American Arbitration Association currently in effect. Requests for mediation shall be filed in writing with the other party to this Agreement and with the American Arbitration Association. The request may be made concurrently with the filing of a demand for arbitration but, in such event, mediation shall proceed in advance of arbitration or legal or equitable proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order.

The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

13. **Successors and Assigns:** The terms of this Agreement shall be binding upon and inure to the benefit of the parties and their respective successors and assigns, provided, however, that neither party shall assign this Agreement in whole or in part without the prior written approval of the other.

14. **Waiver of Contract Breach:** The waiver of one party of any breach of this Agreement or the failure of one party to enforce at any time, or for any period of time, any of the provisions hereof, shall be limited to the particular instance, shall not operate or be deemed to waive any future breaches of this Agreement and shall not be construed to be a waiver of any provision, except for the particular instance.

15. **Entire Understanding of Agreement:** This Agreement represents and incorporates the entire understanding of the parties hereto, and each party acknowledges that there are no warranties, representations, covenants or understandings of any kind, matter or description whatsoever, made by either party to the other except as expressly set forth herein. Client and the Engineer hereby agree that

any purchase orders, invoices, confirmations, acknowledgments or other similar documents executed or delivered with respect to the subject matter hereof that conflict with the terms of the Agreement shall be null, void and without effect to the extent they conflict with the terms of this Agreement.

16. **Amendment:** This Agreement shall not be subject to amendment unless another instrument is duly executed by duly authorized representatives of each of the parties and entitled "Amendment of Agreement."
17. **Severability of Invalid Provisions:** If any provision of the Agreement shall be held to contravene or to be invalid under the laws of any particular state, county or jurisdiction where used, such contravention shall not invalidate the entire Agreement, but it shall be construed as if not containing the particular provisions held to be invalid in the particular state, country or jurisdiction and the rights or obligations of the parties hereto shall be construed and enforced accordingly.
18. **Force Majeure:** Neither Client nor Engineer shall be liable for any fault or delay caused by any contingency beyond their control including but not limited to acts of God, wars, strikes, walkouts, fires, natural calamities, or demands or requirements of governmental agencies.
19. **Subcontracts:** Engineer may subcontract portions of the work, but each subcontractor must be approved by Client in writing.
20. **Access and Permits:** Client shall arrange for Engineer to enter upon public and private property and obtain all necessary approvals and permits required from all governmental authorities having jurisdiction over the Project. Client shall pay costs (including Engineer's employee salaries, overhead and fee) incident to any effort by Engineer toward assisting Client in such access, permits or approvals, if Engineer perform such services.
21. **Designation of Authorized Representative:** Each party (to this Agreement) shall designate one or more persons to act with authority in its behalf in respect to appropriate aspects of the Project. The persons designated shall review and respond promptly to all communications received from the other party.
22. **Notices:** Any notice or designation required to be given to either party hereto shall be in writing, and unless receipt of such notice is expressly required by the terms hereof shall be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party to whom such notice is directed at such party's place of business or such other address as either party shall hereafter furnish to the other party by written notice as herein provided.
23. **Client's Responsibilities:** The Client agrees to provide full information regarding requirements for and about the Project, including a program which shall set forth the Client's objectives, schedule, constraints, criteria, special equipment, systems and site requirements.

The Client agrees to furnish and pay for all legal, accounting and insurance counseling services as may be necessary at any time for the Project, including auditing services which the Client may require to verify the Contractor's Application for Payment or to ascertain how or for what purpose the Contractor has used the money paid by or on behalf of the Client.

The Client agrees to require the Contractor, to the fullest extent permitted by law, to indemnify, hold harmless, and defend the Engineer, its consultants, and the employees and agents of any of them from and against any and all claims, suits, demands, liabilities, losses, damages, and costs ("Losses"), including but not limited to costs of defense, arising in whole or in part out of the negligence of the Contractor, its subcontractors, the officers, employees, agents, and subcontractors of any of them, or anyone for whose acts any of them may be liable, regardless of whether or not such Losses are caused

in part by a party indemnified hereunder. Specifically excluded from the foregoing are Losses arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs, or specifications, and the giving of or failure to give directions by the Engineer, its consultants, and the agents and employees of any of them, provided such giving or failure to give is the primary cause of Loss. The Client also agrees to require the Contractor to provide to the Engineer the required certificate of insurance.

The Client further agrees to require the Contractor to name the Engineer, its agents and consultants as additional insureds on the Contractor's policy or policies of comprehensive or commercial general liability insurance. Such insurance shall include products and completed operations and contractual liability coverages, shall be primary and noncontributing with any insurance maintained by the Engineer or its agents and consultants, and shall provide that the Engineer be given thirty days, unqualified written notice prior to any cancellation thereof.

In the event the foregoing requirements, or any of them, are not established by the Client and met by the Contractor, the Client agrees to indemnify and hold harmless the Engineer, its employees, agents, and consultants from and against any and all Losses which would have been indemnified and insured against by the Contractor but were not.

When Contract Documents prepared under the Scope of Services of this contract require insurance(s) to be provided, obtained and/or otherwise maintained by the Contractor, the Client agrees to be wholly responsible for setting forth any and all such insurance requirements. Furthermore, any document provided for Client review by the Engineer under this Contract related to such insurance(s) shall be considered as sample insurance requirements and not the recommendation of the Engineer. Client agrees to have their own risk management department review any and all insurance requirements for adequacy and to determine specific types of insurance(s) required for the project. Client further agrees that decisions concerning types and amounts of insurance are specific to the project and shall be the product of the Client. As such, any and all insurance requirements made part of Contract Documents prepared by the Engineer are not to be considered the Engineer's recommendation, and the Client shall make the final decision regarding insurance requirements.

The Client and Engineer waive all rights against each other and against the Contractor and consultants, agents and employees of each of them for damages to the extent covered by property insurance during construction. The Client and Engineer each shall require similar waivers from the Contractor, consultants, agents and persons or entities awarded separate contracts administered under the Client's own forces.

The Engineer shall at its own expense maintain in effect during the term of this contract the following insurance with limits as shown or greater:

General Liability (including automobile) with a combined single limit of \$2,000,000. The OWNER shall be named as an Additional Insured and be given a 30-day notice of cancellation, non-renewal or significant change of coverage. Engineer's insurance shall be written on a "primary" basis and the OWNER'S insurance program shall be in excess of all of Engineer's available coverage.

Worker's Compensation at the statutory limit. Workers Compensation shall include a Waiver of Subrogation endorsement in favor of OWNER.

Professional Liability for protection against claims arising out of performance of professional services caused by negligent error, omission or act in the amount of \$2,000,000.

The Engineer shall provide to OWNER Certificates of Insurance indicating the aforesaid coverage.

24. **Information Provided by Others:** The Engineer shall indicate to the Client the information needed for rendering of the services of this Agreement. The Client shall provide to the Engineer such information as is available to the Client and the Client's consultants and contractors, and the Engineer shall be entitled to rely upon the accuracy and completeness thereof. The Client recognizes that it is impossible for the Engineer to assure the accuracy, completeness and sufficiency of such information, either because it is impossible to verify, or because of errors or omissions which may have occurred in assembling the information the Client is providing. Accordingly, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the Engineer and the Engineer's subconsultants harmless from any claim, liability or cost (including reasonable attorneys' fees and cost of defense) for injury or loss arising or allegedly arising from errors, omissions or inaccuracies in documents or other information provided by the Client to the Engineer.

25. **Payment:** Client shall be invoiced once each month for work performed during the preceding period. Client agrees to pay each invoice within thirty (30) days of its receipt. The client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause within said thirty (30) day period at the rate of eighteen (18) percent per annum (or the maximum interest rate permitted under applicable law, whichever is the lesser) until paid. Client further agrees to pay Engineer's cost of collection of all amounts due and unpaid after sixty (60) days, including court costs and reasonable attorney's fees, as well as costs attributed to suspension of services accordingly and as follows:

**Collection Costs.** In the event legal action is necessary to enforce the payment provisions of this Agreement, the Engineer shall be entitled to collect from the Client any judgement or settlement sums due, reasonable attorneys' fees, court costs and expenses incurred by the Engineer in connection therewith and, in addition, the reasonable value of the Engineer's time and expenses spent in connection with such collection action, computed at the Engineer's prevailing fee schedule and expense policies.

**Suspension of Services.** If the Client fails to make payments when due or otherwise is in breach of this Agreement, the Engineer may suspend performance of services upon five (5) calendar days' notice to the Client. The Engineer shall have no liability whatsoever to the Client for any costs or damages as a result of such suspension caused by any breach of this Agreement by the Client. Client will reimburse Engineer for all associated costs as previously set forth in (Item 4 of) this Agreement.

26. **Indemnity Clause:** When construction observation tasks are part of the service to be performed by the Engineer under this Agreement, the Client will include the following clause in the construction contract documents and the Client agrees not to modify or delete it:

Contractor (and any subcontractor into whose subcontract this clause is incorporated) agrees and acknowledges that Engineer shall be considered a third party beneficiary of those contracts into which this clause has been incorporated; and agrees to assume the entire liability for all personal injury claims suffered by its employees, including without limitation, claims asserted by persons allegedly injured on the Project; waives any limitation of liability defense based on the Workers' Compensation Act, court interpretations of said Act or otherwise; and to the fullest extent permitted by law, agrees to indemnify and hold harmless and defend Owner and Engineer and their agents, employees, and consultants (the "Indemnitees") from and against any such loss, expense, damage or injury, including attorneys' fees and costs that the Indemnitees may sustain as a result of such claims.

27. **Job Site Safety/Supervision and Construction Observation:** The Engineer shall neither have control over or charge of, nor be responsible for, the construction means, methods, techniques, sequences of procedures, or for safety precautions and programs in connection with the Work since

they are solely the Contractor's rights and responsibilities. The Client agrees that the Contractor shall supervise and direct the work efficiently with his/her best skill and attention; and that the Contractor shall be solely responsible for the means, methods, techniques, sequences and procedures of construction and safety at the job site. The Client agrees and warrants that this intent shall be carried out in the Client's contract with the Contractor. The Client further agrees that the Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work; and that the Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees on the subject site and all other persons who may be affected thereby. The Engineer shall have no authority to stop the work of the Contractor or the work of any subcontractor on the project.

When construction observation services are included in the Scope of Services, the Engineer shall visit the site at intervals appropriate to the stage of the Contractor's operation, or as otherwise agreed to by the Client and the Engineer to: 1) become generally familiar with and to keep the Client informed about the progress and quality of the Work; 2) to strive to bring to the Client's attention defects and deficiencies in the Work and; 3) to determine in general if the Work is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Engineer shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. If the Client desires more extensive project observation, the Client shall request that such services be provided by the Engineer as Additional and Supplemental Construction Observation Services in accordance with the terms of this Agreement.

The Engineer shall not be responsible for any acts or omissions of the Contractor, subcontractor, any entity performing any portions of the Work, or any agents or employees of any of them. The Engineer does not guarantee the performance of the Contractor and shall not be responsible for the Contractor's failure to perform its Work in accordance with the Contract Documents or any applicable laws, codes, rules or regulations.

When municipal review services are included in the Scope of Services, the Engineer (acting on behalf of the municipality), when acting in good faith in the discharge of its duties, shall not thereby render itself liable personally and is, to the maximum extent permitted by law, relieved from all liability for any damage that may accrue to persons or property by reason of any act or omission in the discharge of its duties. Any suit brought against the Engineer which involve the acts or omissions performed by it in the enforcement of any provisions of the Client's rules, regulation and/or ordinance shall be defended by the Client until final termination of the proceedings. The Engineer shall be entitled to all defenses and municipal immunities that are, or would be, available to the Client.

28. **Hazardous Materials/Pollutants:** Unless otherwise provided by this Agreement, the Engineer and Engineer's consultants shall have no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials/pollutants in any form at the Project site, including but not limited to mold/mildew, asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic/hazardous/pollutant type substances.

Furthermore, Client understands that the presence of mold/mildew and the like are results of prolonged or repeated exposure to moisture and the lack of corrective action. Client also understands that corrective action is an operation, maintenance and repair activity for which the Engineer is not responsible.

29. **E-Verify Program:** Consultant must enroll in and verify the work eligibility status of all newly hired employees of the Consultant through the E-Verify program operated by the United States Department of Homeland Security. If the E-Verify program ceases to exist, the Consultant will not be required to verify the work eligibility status of newly hired employees through the E-Verify program. The

Consultant shall execute an affidavit affirming that the Consultant does not knowingly employ an unauthorized alien.

30. **Investment in Iran:** Pursuant to Indiana Code 5-22-16.5, Engineer hereby certifies under penalties of perjury that it does not engage in investment activities in Iran as more particularly described in Indiana Code 5-22-16.5.

February 23, 2010-INDIANA  
*gtc-indiana modified City of Lafayette, 3-19-13*



Vinton Woods Drainage Project  
Lafayette IN

PROJECT SUMMARY

Date: 16-Apr-20

Christopher B. Burke Engineering LLC

PHASE	DESCRIPTION	Engineer VI	Engineer V	Engineer IV	Engineer III	Engineer I/II	Res. Planner V	Res. Planner IV	Res. Planner III	Res. Planner I/II	Eng Tech IV	Eng Tech III	Eng Tech I/II	CAD II	CAD I	GIS Spec IV	GIS Spec III	GIS Spec I/II	Env Resource Specialist V	Env Resource Specialist IV	Env Resource Specialist III	Env Resource Specialist I/II	Env Resource Specialist I/II	Engineering Intern	Administrative	TOTAL HOURS	TOTAL FEE
1	Survey		5		14	11					9															39	\$5,639
2	Data Gathering and Review		1		6	5																				12	\$1,626
3	Dam Inspection		4		84																					88	\$12,884
4	H&H		9		74	120					8															211	\$27,229
5	Preliminary Design																										
6																											
7																											
8																											
9																											
TOTAL HOURS:		19	178	136	17																					350	\$ 47,378
BILLING RATE:		2019	\$216	\$197	\$172	\$144	\$113	\$160	\$150	\$130	\$105	\$139	\$105	\$139	\$100	\$155	\$139	\$105	\$125	\$139	\$105	\$99	\$75	\$60	\$75		
STAFF FEES:			\$3,743	\$25,632	\$15,368	\$2,635																					
TOTAL STAFF FEES:																											\$47,378

SUBCONSULTANTS:		ROLE/DESCRIPTION	CLASS	FEE	DIRECT	TOTAL FEE	AMOUNT	UNITS	RATE	TOTAL
ID	1	Third		\$ 36,900	\$ -	\$ 36,900		days @	\$25	
2				\$ -	\$ -	\$ -	650	miles @	\$0.55	\$354.25
3				\$ -	\$ -	\$ -		days @	\$80	
4				\$ -	\$ -	\$ -		days @	\$350	
5				\$ -	\$ -	\$ -		each @	\$6.00	
6				\$ -	\$ -	\$ -		each @	\$0.07	
7				\$ -	\$ -	\$ -		sets @	\$25	
8				\$ -	\$ -	\$ -		lot @	\$200	
9				\$ -	\$ -	\$ -	68	Lot @	\$1	\$67.75
10				\$ -	\$ -	\$ -		Lot @	\$1	
				\$ -	\$ -	\$ -		Lot @	\$1	
				\$ -	\$ -	\$ -		Lot @	\$1	
				\$ -	\$ -	\$ -		Lot @	\$1	
TOTAL SUBCONSULTANT FEE: \$ 36,900							TOTAL DIRECT COST:		\$422.00	
TOTAL STAFF FEES: \$ 47,378							TOTAL PROJECT COST:		\$84,700.00	

DIRECT COSTS:

ID	DESCRIPTION	AMOUNT
1	Meals	
2	Mileage	
3	Lodging (incl phone)	
4	Survey Equipment	
5	Plotting	
6	Photocopy	
7	Supplies (binders, tabs, etc)	
8	Laboratory Testing	
9	Equipment Usage Fee	
10	Miscellaneous 1	
11	Miscellaneous 2	
12	Miscellaneous 3	
13	Miscellaneous 4	