

**VILLAGE OF DOWNERS GROVE**  
**Report for the Village**  
**6/4/2019**

<b>SUBJECT:</b>	<b>SUBMITTED BY:</b>
Engineering Services for Deer Creek Stormwater Improvements	Nan Newlon Director of Public Works

**SYNOPSIS**

A motion is requested to award a contract for engineering and survey services to Engineering Resource Associates, Inc. of Warrenville, Illinois in the amount of 42,085.68 for engineering services for stormwater improvements in the Deer Creek Subdivision. This amount includes a 20% contingency.

**STRATEGIC PLAN ALIGNMENT**

The goals for 2017-2019 include *Top Quality Infrastructure*.

**FISCAL IMPACT**

The FY19 Budget includes \$50,000 in the Stormwater Fund for this project.

**RECOMMENDATION**

Approval on the June 4, 2019 Consent Agenda.

**BACKGROUND**

The 2014 Stormwater Project Analysis identified improvements to stormwater management for the Deer Creek Subdivision as a priority project. St. Joseph's Creek flows through the Deer Creek Subdivision from east to west. The subdivision was platted in the 1970's, prior to any Village regulations for stormwater detention and FEMA floodplain maps. The creek begins in the Village of Westmont and stormwater from as far as Darien is tributary to the creek. This creek has defined FEMA floodplain and floodway.

The Village of Downers Grove had a detailed hydraulic and hydrologic analysis performed by a consultant after the 2013 flood event. In the April 2013 flood, 20 houses reported structural damage and streets were flooded for an extended period blocking access to the subdivision. Floodwater entered the neighborhood by overland flow from the east at the apartment complex (the main stem of St. Joseph's Creek) and from the south when the two detention basins in the neighboring Westmont subdivision overflowed. Initial analysis identified that significant reduction in the flooding cannot be accomplished without the addition of a large amount of regional storage or major modifications to the creek. As such, DuPage County has initiated a watershed study to analyze all of St. Joseph's Creek. This study is currently underway.

The Village completed a recent concept level study to identify local improvements to the drainage issues within Deer Creek that could proceed without extensive permitting; although execution of an intergovernmental agreement with the Village of Westmont and the Westmont Park District will be needed to proceed with this planned work. This work will include:

- Modifications to the berm – to reduce the frequency of overtopping
- Modification of the area between the two detention ponds located in Westmont to improve the functionality of basins and reduce frequency of overtopping.
- Additional storm sewer

The Village is prepared to proceed with the preparation of final engineering plans, specifications and estimates for completion of these improvements. Engineering Resource Associates prepared the drainage study that identified the proposed improvements. They are also the firm hired by DuPage County to complete the Watershed Study. Due to their familiarity with the area, and the modeling they have completed for this area as part of the County and Village contracts staff recommends award of this contract for professional services to Engineering Resource Associates, Inc.

## **ATTACHMENTS**

Contract Document

Location Map

## AGREEMENT

This Agreement is made this \_\_\_\_ day of \_\_\_\_\_ 2019, by and between Engineering Resource Associates, Inc. ("Consultant") and the Village of Downers Grove, Illinois, an Illinois municipal corporation with offices at 801 Burlington Avenue, Downers Grove, Illinois 60515, ("Village").

WHEREAS, the Village wishes to retain the services of the Consultant to design stormwater improvements for the Deer Creek subdivision; and

WHEREAS, the Consultant is willing to perform these services for compensation and in accordance with the terms and conditions described in this Agreement.

NOW, THEREFORE, in consideration of the mutual benefits that will result to the parties in carrying out the terms of this Agreement, it is agreed as follows:

### **I. Scope of Services**

See attached Proposal dated May 13, 2019 attached hereto and incorporated herein by reference as Exhibit B.

### **II. Term of Agreement**

The term of this Agreement shall be until December 31, 2019 or until the services as set forth in Exhibit B have been completed, whichever shall occur first.

### **III. Compensation**

#### **A. Basic Fees:**

Fees for these services shall not exceed Forty-two Thousand Eighty-five Dollars and Sixty-eight cents (\$42,085.68), which includes a 20% contingency. Any additional work performed that will increase the agreement price in excess of this amount must be approved in writing by both parties.

#### **B. Consultant Invoices:**

The Consultant shall prepare invoices that contain a reference number, the billing period, the classifications and/or names of staff, numbers of hours billed to the project (with clear itemization for hours spent), all reimbursable expenses and a total reimbursable amount for the billing period including receipts therefor, amounts billed to date, and amounts received to date.

#### **C. Prompt Payment Act:**

The Village will comply with the Local Government Prompt Payment Act, 50 ILCS 505/1 et seq., in that any bill approved for payment must be paid or the payment issued to the Consultant within 60 days of receipt of a proper bill or invoice. If payment is not issued to the Consultant within this 60 day period, an interest penalty of 1.0% of any amount approved and unpaid shall be added for each month or fraction thereof after the end of this 60 day period, until final payment is made.

The Village shall review in a timely manner each bill or invoice after its receipt. If the Village determines that the bill or invoice contains a defect making it unable to process the payment request, the Village shall notify the Consultant requesting payment as soon as possible after discovering the defect pursuant to rules promulgated under 50 ILCS 505/1 et seq. The notice shall identify the defect and any additional information necessary to correct the defect.

#### **IV. General Terms and Conditions**

##### **A. Relationship Between the Consultant and the Village**

The relationship between the Village and the Consultant is that of a buyer and seller of professional services and it is understood that the parties have not entered into any joint venture or partnership with the other.

##### **B. Equal Employment Opportunity**

In the event of the Consultant's non-compliance with the provisions of this Equal Employment Opportunity Clause, the Illinois Human Rights Act or the Rules and Regulations of the Illinois Department of Human Rights ("Department"), the Consultant may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation. During the performance of this Agreement, the Consultant agrees as follows:

1. That it will not discriminate against any employee or applicant for employment because of race, color religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
2. That, if it hires additional employees in order to perform this Agreement or any portion thereof, it will determine the availability (in accordance with the Department's Rules and Regulations) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
3. That, in all solicitations or advertisements for employees placed by it or on its

behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.

4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the consultant's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the consultant in its efforts to comply with such Act and Rules and Regulations, the consultant will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.
5. That it will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
6. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
7. That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subconsultant. In the same manner as with other provisions of this Agreement, the consultant will be liable for compliance with applicable provisions of this clause by such subconsultants; and further it will promptly notify the contracting agency and the Department in the event any subconsultant fails or refuses to comply therewith. In addition, the Consultant will not utilize any subconsultant declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivision or municipal corporations.

### **C. Sexual Harassment**

Consultant, as a party to a public contract, has a written sexual harassment policy so that it:

1. Notes the illegality of sexual harassment;
2. Sets forth the State law definition of sexual harassment;
3. Describes sexual harassment utilizing examples;
4. Describes the Consultant or supplier's internal complaint process including penalties;
5. Describes the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and

- how to contact these entities, and;
6. Describes the protection against retaliation afforded under the Illinois Human Rights Act.

#### **D. Drug Free Work Place**

Consultant, as party to a public contract, certifies and agrees that it will provide a drug free workplace by:

1. Publishing a statement: (1) Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in the grantee's or Consultant's workplace. (2) Specifying the actions that will be taken against employees for violations of such prohibition. (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will: abide by the terms of the statement; and notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
2. Establishing a drug free awareness program to inform employees about: (1) the dangers of drug abuse in the workplace; (2) the grantee's or consultant's policy of maintaining a drug free workplace; (3) any available drug counseling, rehabilitation, and employee assistance programs; (4) the penalties that may be imposed upon employees for drug violations.
3. Providing a copy of the statement required by subparagraph (1) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
4. Notifying the contracting or granting agency within ten (10) days after receiving notice of a criminal drug statute conviction from an employee or otherwise receiving actual notice of such conviction.
5. Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is so convicted as required by Section 5 of the Drug Free Workplace Act.
6. Assisting employees in selecting a course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that a trained referral team is in place.
7. Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

#### **E. Non-Discrimination**

Consultant, its employees and subconsultants, agree not to commit unlawful discrimination and agree to comply with applicable provisions of the Illinois Human

Rights Act, the Public Works Employment Discrimination Act, the U.S. Civil Rights Act and Section 504 of the Federal Rehabilitation Act, and rules applicable to each. The equal opportunity clause of the Department of Human Rights rules is specifically incorporated herein.

The Americans with Disabilities Act (42 U.S.C. 12101) and the regulations thereunder (28 CFR 35.130)(ADA) prohibit discrimination against persons with disabilities by the State, whether directly or through contractual arrangements, in the provision of any aid, benefit or service. As a condition of receiving this Agreement, the undersigned vendor certifies that services, programs and activities provided under this Agreement are and will continue to be in compliance with the ADA.

#### **F. Campaign Disclosure Certificate**

The Consultant shall comply with the Campaign Disclosure Certificate attached hereto and incorporated herein by reference as Exhibit A.

#### **G. Patriot Act Compliance**

The Consultant represents and warrants to the Village that neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. The Consultant further represents and warrants to the Village that the Consultant and its principals, shareholders, members, partners, or affiliates, as applicable are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Agreement on behalf of any person or entity named as a Specially Designated National and Blocked Person. The Consultant hereby agrees to defend, indemnify and hold harmless the Village, and its elected or appointed officers, employees, agents, representatives, engineers and attorneys, from and against any and all claims, damages, losses, risks, liabilities and expenses(including reasonable attorney's fees and costs) arising from or related to any breach of the foregoing representations and warranties.

#### **H. Cooperation with FOIA Compliance**

Consultant acknowledges that the Freedom of Information Act may apply to public records in possession of the Consultant. Consultant shall cooperate with the Village in its efforts to comply with the Freedom of Information Act. 5 ILCS 140/1 et.seq.

#### **I. Copyright or Patent Infringement**

The Consultant agrees to indemnify, defend, and hold harmless the Village against any suit, claim, or proceeding brought against the Village for alleged use of any equipment, systems, or services provided by the Consultant that constitutes a misuse of any proprietary or trade secret information or an infringement of any patent or

copyright.

## **J. Standard of Care**

Services performed by Consultant under this Agreement will be conducted 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 representations express or implied, and no warranty or guarantee is included or intended in this Agreement, or in any report, opinions, and documents or otherwise.

If the Consultant fails to meet the foregoing standard, Consultant will perform at its own cost, and without reimbursement from the Village, the professional services necessary to correct errors and omissions caused by Consultant's failure to comply with the above standard and reported to Consultant within one (1) year from the completion of Consultant's services for the Project.

## **V. Insurance and Indemnification of the Village**

### **A. Insurance**

The Consultant shall be required to obtain, from a company or companies lawfully authorized to do business in the jurisdiction in which the project is located, such general liability insurance which, at a minimum, will protect the Consultant from the types of claims set forth below which may arise out of or result from the Consultant's operations under this Contract and for which the Consultant may legally liable:

Claims under workers compensation, disability benefit and other similar employee benefit acts which are applicable to the operation to be performed;

Claims for damages resulting from bodily injury, occupational sickness or disease, or death of the Consultant's employees;

Claims for damages resulting from bodily injury, sickness or disease, or death of any person other than the Consultant's employees;

Claims for damages insured by the usual personal injury liability coverage which are sustained: (1) by a person as a result of an offense directly or indirectly related to employment of such person by the Consultant, or (2) by another person;

Claims for damages, other than to the work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;

Claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance or use of a motor vehicle;

Claims for damages as a result of professional or any other type of negligent action by the Consultant or failure to properly perform services under the scope of the agreement between the Consultant and the Village.

The Consultant shall demonstrate having insurance coverage for a minimum of \$2 million for professional liability (errors and omissions).

As evidence of said coverages, Consultant shall provide the Village with certificates of insurance naming the Village of Downers Grove as an additional insured and include a provision for cancellation only upon at least 30 days prior notice to the Village.

## **B. Indemnification**

The Consultant will indemnify and hold harmless the Village and its officers, employees and agents from any and all liability, losses or damages the Village may suffer as a result of claims, demands, suits, actions or proceedings of any kind or nature in any way resulting from or arising out of negligent action on the part of the Consultant under this Agreement. This indemnification does not apply to liability caused by the Village's own negligence.

## **VI. Miscellaneous Provisions**

### **A. Termination**

In the event of the Consultant's nonperformance, breach of the terms of the Agreement, or for any other reason, including that sufficient funds to complete this Agreement are not appropriated by the Village, the Agreement may be canceled, in whole or in part, upon the Village's written notice to the Consultant. The Village will pay the Consultant's costs actually incurred as of the date of receipt of notice of termination. Upon termination, the Consultant will deliver all documents and products of whatever kind, and their reproducible originals related to the project, which have been produced to the date of the notice of termination.

### **B. Governing Law**

This Agreement will be governed by and construed in accordance with the laws of the State of Illinois. Venue is proper only in the County of DuPage.

### **C. Successors and Assigns**

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

### **D. Waiver of Contract Breach**

The waiver by 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 will be limited to the particular instance and will not operate or be deemed to waive any future breaches of this Agreement and will not be construed to be a waiver of any provision except for the particular instance.

#### **E. Amendment**

This Agreement will not be subject to amendment unless made in writing and signed by all parties.

#### **F. Severability of Invalid Provisions**

If any provisions of this Agreement are held to contravene or be invalid under the laws of any state, country or jurisdiction, contravention will not invalidate the entire Agreement, but it will be construed as if not containing the invalid provision and the rights or obligations of the parties will be construed and enforced accordingly.

#### **G. Notice**

Any notice will be in writing and will be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party at the party's place of business. Notices shall be addressed to designated representatives of both parties as follows:

**Village Manager  
Village of Downers Grove  
801 Burlington Ave.  
Downers Grove, IL 60515**

Engineering Resource Associates, Inc.  
35701 West Avenue  
Suite 150  
Warrenville, IL 60555

#### **H. Village Ordinances**

The Consultant will strictly comply with all ordinances of the Village of Downers Grove and laws of the State of Illinois.

#### **I. Use of Village's Name**

The Consultant is specifically denied the right of using in any form or medium the name

of the Village for public advertising unless express permission is granted by the Village.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the date indicated above.

**Engineering Resource Associates, Inc.**

By: 

Title: PRINCIPAL

Date: 5/13/19

**Village of Downers Grove**

By: \_\_\_\_\_

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

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

### Exhibit A Campaign Disclosure Certificate

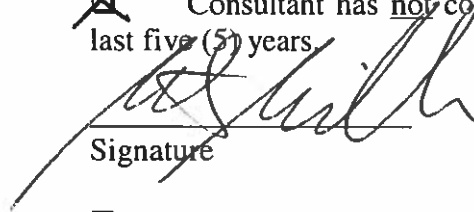
The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.

Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.

By signing this Agreement, Consultant agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a member of the Downers Grove Village Council.

Under penalty of perjury, I declare:

Consultant has not contributed to any elected Village position within the last five (5) years.

  
\_\_\_\_\_  
Signature

MARTY MICHALISKO  
\_\_\_\_\_  
Print Name

Consultant has contributed a campaign contribution to a current member of the Village Council within the last five (5) years.

Print the following information:

Name of Contributor: \_\_\_\_\_  
(company or individual)

To whom contribution was made: \_\_\_\_\_

Year contribution made: \_\_\_\_\_ Amount: \$ \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name



## Project Approach

May 13, 2019

### Project Understanding

The Village of Downers Grove completed a drainage study of the Deer Creek subdivision in 2018. The study recommended several improvements that can be implemented quickly that will reduce the frequency of flooding in the subdivision. The Village now desires to enter final design for these improvements as identified below.

1. Elevate berm height of East pond to the 1977 plans
2. Widen and lower the inter pond weir
3. Install additional storm sewer from rear yards on White Fawn Trail to St. Joseph Creek
4. Improve drainage in the rear yards of residences on the north side of White Fawn Trail and south side residences on the south side of 56<sup>th</sup> Street.
5. Remove drain connections through berms from detention ponds to Deer Creek properties

### Scope of Service

- 1. Meetings and Coordination** – We will work closely with staff and other stakeholders to maintain communication throughout the duration of the project including obtaining information, providing progress updates and discussing relevant issues. ERA will provide coordination with key stakeholders such as reviewing agencies and other parties having an interest in the project. This task includes preparation of meeting agendas prepared and distributed 2 working days in advance of meetings and preparation of minutes prepared and distributed within 2 working days following the meeting. The following meetings are anticipated:
  - 1.1 Facilitate two meetings with the Village to discuss project issues. It is anticipated that the meetings will occur at the 50% and 90% plans.
  - 1.2 Facilitate one meeting with DuPage County to discuss permitting issues and concerns.
  - 1.3 Facilitate one meeting with the Village of Westmont and Westmont Park District to discuss improvements and to communicate design concerns and challenges.
  - 1.4 General phone and email coordination with the Village of Downers Grove, Village of Westmont, Westmont Park District, etc.
- 2. Supplemental Survey and Site Visits** – ERA has completed a detailed survey of the area. During final design additional survey may be needed. ERA will also visit the site during final design to ensure that private property corridors can be utilized, and construction accessibility is considered.
- 3. Public Outreach** – The proposed work will impact both the Village of Downers Grove Deer Creek residents located north of the existing ponds, the Westmont Park District, and Village of Westmont residents located on the south side of the ponds. ERA is proposing the following public outreach:



## Project Approach

- a. Attend a townhall style public meeting in which both Downers Grove and Westmont residents can look at plans and ask specific questions. It is anticipated that this meeting will occur after the completion of the 90% plans.
  - b. Provide recommendations and concept drawings for homeowners for additional back yard storm sewer to be installed as part of a cost share.
- 4. Utility Coordination** – ERA will perform a design JULIE to identify public utilities in the area. ERA will submit 50% design plans to the utility companies for review and comment. ERA will coordinate with the utility companies to continually refine their scope of work and construction schedule to help ensure that the project does not get delayed due to relocation of any utilities.
- 5. Plans, Specs, Estimates (50%, 90%, 100%)** – This task includes the preparation of PS&E (50%, 90%, 100%) for the anticipated improvements. It is anticipated that plans will include the following sheets:
- a. Cover Sheet and Location Map
  - b. General Notes and Typical Sections
  - c. Summary of Quantities and Schedule of Quantities
  - d. Alignment, Ties and Benchmarks
  - e. Grading Plans
  - g. Utility Plans
  - i. Cross-Sections
  - j. Stormwater Pollution Prevention Plans
  - k. Restoration Plans
  - l. Tree Removal and Preservation Plans
  - m. Construction Details
  - n. Specifications

This task includes the preparation of specifications and an engineer's opinion of probable construction cost.

- 6. Hydrologic/Hydraulic Modeling Update** – ERA will update the XPSWMM model based on actual design features. This includes updating the pond overflow berms, weir connecting the ponds, etc.
- 7. QA/QC Review** – ERA will perform internal QA/QC reviews prior to issuing the 90% and 100% PS&E.
- 8. Permitting** – The following permits have been identified. ERA will work with the jurisdictional authorities to acquire approval. Work will include summary reports and documentation to demonstrate regulations are being met.
- Village of Downers Grove – PS&E review and approvals and stormwater management approval for work in the Village. It is estimated that no detention or BMPs will be required.
  - Village of Westmont – PS&E review and approvals and stormwater management approval for work in the Village. It is estimated that no detention or BMPs will be required.



## Project Approach

- DuPage County – The Village of Westmont is a partial waiver community. A portion of the proposed work will be within the floodplain; therefore, DuPage County will have to sign off on the project for the floodplain improvements. It is anticipated that the County will review the XPSWMM modeling and small revisions are anticipated. Floodway review/modeling is not anticipated.
- IEPA (NPDES/NOI) – erosion control and stormwater quality.
- Army Corps – for new outfall into St. Joe’s Creek on 56<sup>th</sup> Street
- Kane/DuPage SWCD – Soil and erosion control for work in the river
- As part of work by others, provide permitting assistance for debris removal & tree trimming within St. Joe’s Creek.

**9. Bidding Assistance** – ERA will provide bidding assistance for the project. This work will include answering bidder questions throughout the duration of the work. It is anticipated that the Village will perform the remaining of the bidding and construction assistance.

**10. Wetland Delineation** – ERA will delineate wetlands and waters of the US along St. Joe’s Creek from Deer Path to Fairview and at the potential outfall locations for the new rear yard storm sewer system.

## Deliverables

The following deliverables are anticipated:

- One (1) hard copy and one (1) electronic copy of 50% PS&E
- One (1) hard copy and one (1) electronic copy of 90% PS&E
- One (1) hard copy and one (1) electronic copy of 100% PS&E
- One (1) CD containing electronic copies of all final project files, drawings and any support documentation

### AVERAGE HOURLY PROJECT RATES

**FIRM** Engineering Resource Associates, Inc.  
**PSB**  
**PRIME/SUPPLEMENT** Deer Creek Final Design

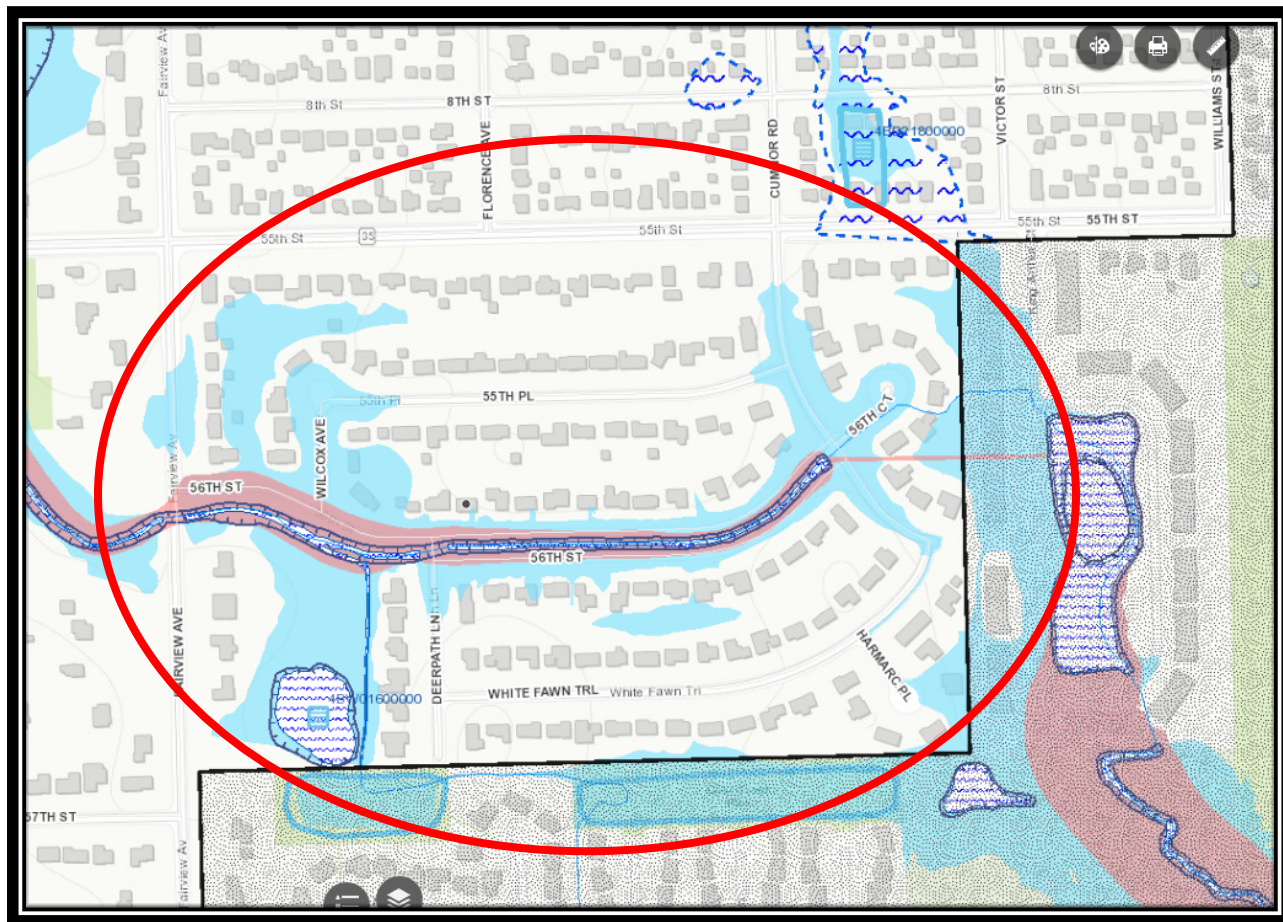
DATE 05/13/19

SHEET 1 OF 3

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Meetings and Coordination			Supplemental Survey and S			Public Outreach			Utility Coordination			50% Plans and Estimates		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Professional Engineer VI	65.80	0																	
Professional Engineer V	55.00	30	8.67%	4.77	8	50.00%	27.50				4	20.00%	11.00				4	5.13%	2.82
Professional Engineer IV	50.00	0																	
Professional Engineer III	47.00	0																	
Professional Engineer II	42.00	8	2.31%	0.97															
Professional Engineer I	38.50	114	32.95%	12.68	8	50.00%	19.25	4	50.00%	19.25	8	40.00%	15.40	2	33.33%	12.83	20	25.64%	9.87
Structural Engineer III	55.00	0																	
Staff Engineer II	34.00	8	2.31%	0.79										4	66.67%	22.67			
Staff Engineer I	27.00	120	34.68%	9.36							8	40.00%	10.80				24	30.77%	8.31
Engineering Technician V	37.25	62	17.92%	6.67				4	50.00%	18.63							30	38.46%	14.33
Engineering Technician IV	32.00	0																	
Professional Surveyor I	41.00	0																	
Surveyor III	29.00	0																	
Environmental Director	43.50	4	1.16%	0.50															
Administrative Staff III	25.00	0																	
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<b>TOTALS</b>		346	100%	\$35.75	16	100.00%	\$46.75	8	100%	\$37.88	20	100%	\$37.20	6	100%	\$35.50	78	100%	\$35.33







Project Location Map – Deer Creek FP #2