



Village of Downers Grove

Report for the Village Council Meeting

Table 1 - Council Agenda item

Subject	Award of Contract – Prentiss Creek Streambank Stabilization Design/Build (SW-091)
Submitted By	Scott Vasko, Director of Engineering

Synopsis

A motion is requested to award a contract for the Prentiss Creek Streambank Stabilization Design/Build (SW-091) to Farnsworth Group, Inc. of Lisle, IL in the amount of \$1,249,800.

Strategic Plan Alignment

The Goals for 2025 to 2027 include *Steward of Financial, Environmental, and Neighborhood Sustainability, and Top Quality Infrastructure.*

Fiscal Impact

The Fiscal Year 2026 budget includes \$1,300,000 in the Stormwater Fund for these improvements.

Recommendation

Approval on the September 15, 2026 Active Agenda.

Background

A study of Prentiss Creek between 67th Street and Prentiss Drive was performed in 2024. The study identified areas in need of improvement for water quality and overall stream health such as bank erosion, dense overgrowth of invasive trees and shrubs, and sedimentation. The recommended solutions include removal of trees and vegetation to allow more sunlight into the creek; installation of appropriate native plants and trees to stabilize the banks and provide habitat for dragonflies, pollinators and birds; managing high velocity flows with channel modifications such as riffles and pools; and stabilizing the banks with structures such as toe wood.

Grants through the IEPA and DuPage County were applied for to assist in implementing the recommended improvements. The Village received an IEPA 319 grant in the amount of \$721,980 and DuPage County Water Quality Improvement Program grant in the amount of \$100,000.

On August 6, 2026, staff requested Design-Build proposals for development of final plans, permitting of improvements, construction, including clearing vegetation, stabilization, and native plantings with 3-year monitoring and maintenance activities.

The Village received four responses to the Design-Build request for proposals. Methods and costs proposed by Farnsworth Group align most closely with the Village's project objectives and budget.

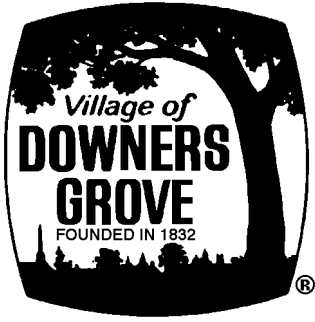
Upon approval of this contract, Farnsworth Group and its team will begin the development of final plans and permitting. The permitting process will be extensive due to work within the mapped floodplain and floodway. It is anticipated that design and permitting will occur in 2026 and construction in 2027.

Farnsworth Group has successfully performed the initial design of the creek streambank stabilization improvements for this project and as such their familiarity with the location make them uniquely qualified to perform this work. Staff recommends award of this contract to Farnsworth Group based on their design-

build team's proposal and their record of satisfactorily performing similar construction work.

Attachments

Contract Documents



REQUEST FOR PROPOSAL (Professional Services)

Name of Proposing Company: Farnsworth Group, Inc.

Project Name: Prentiss Creek Streambank Stabilization Design/Build
67th St to Prentiss Dr

Demand Star No:

Proposal / Project No.:

SW-091

Proposal Due:

Wednesday, August 26, 2026 at 11:00 am

Downers Grove Public Works

5101 Walnut Ave, Downers Grove, IL 60515

Required of Awarded Proposer:

Certificate of Insurance:

Yes

Performance Bond:

Yes (construction)

Date Issued:

Thursday, August 6, 2026

This document consists of 40 pages, excluding Exhibit B attachments.

Return **original** proposal and one digital copy in a **sealed envelope** marked with the Proposal Name/Number as noted above to:

Julie Lomax, PE, CFM
Stormwater Administrator
Village of Downers Grove
5101 Walnut Avenue
Downers Grove, Illinois 60515
Phone 630-493-8821
Fax 630-434-5495
jlomax@downers.us

The VILLAGE OF DOWNERS GROVE will receive proposals Monday thru Friday, 7:30 A.M. to 4:30 P.M. at Public Works, 5101 Walnut Avenue, Downers Grove, IL 60515.

SPECIFICATIONS MUST BE MET AT THE TIME THE PROPOSAL IS DUE.

The Village Council reserves the right to accept or reject any and all proposals, to waive technicalities and to accept or reject any item of any proposal.

The documents constituting component parts of this Contract are the following:

- I. REQUEST FOR PROPOSALS
- II. TERMS & CONDITIONS
- III. DETAILED SPECIFICATIONS
- IV. PROJECT SPECIFICATIONS
- V. PROPOSER'S RESPONSE TO RFP (DESIGN/BUILD SERVICES)
- VI. PROPOSAL/CONTRACT FORM

DO NOT DETACH ANY PORTION OF THIS DOCUMENT. INVALIDATION COULD RESULT. Proposers MUST submit an original copy of the total proposal. Upon formal award of the proposal this RFP document shall become the Contract, the successful Proposer will receive a copy of the executed Contract.

PLEASE DO NOT BIND ANY PORTION OF THE BID WITH STAPLES, BINDINGS OR SPINES.

I. REQUEST FOR PROPOSALS

1. GENERAL

- 1.1 Notice is hereby given that the Village of Downers Grove will receive sealed Proposals up to the time and date set forth on the cover page of this RFP.
- 1.2 Proposals must be received at the Village of Downers Grove by the time and date specified. Proposals received after the specified time and date will not be accepted and will be returned unopened to the Proposer.
- 1.3 Proposal forms shall be sent to the Village of Downers Grove, to the name and address indicated above, in a sealed envelope marked "SEALED PROPOSAL". The envelope shall be marked with the name of the project, date, and time set for receipt of Proposals on the cover page of this RFP.
- 1.4 All Proposals must be submitted on the forms supplied by the Village and signed by a proper official of the company submitting the Proposal. Telephone, email and fax Proposals will not be accepted.
- 1.5 By submitting this Proposal, the Proposer certifies under penalty of perjury that they have not acted in collusion with any other Proposer or potential Proposer.

2. PREPARATION OF PROPOSAL

- 2.1 It is the responsibility of the Proposer to carefully examine the specifications and proposal documents and to be familiar with all of the requirements, stipulations, provisions, and conditions surrounding the proposed services. **DO NOT SUBMIT A PROPOSED CONTRACT. UPON ACCEPTANCE BY THE VILLAGE, THIS RFP DOCUMENT SHALL BECOME A BINDING CONTRACT.**
- 2.2 No oral or telephone interpretations of specifications shall be binding upon the Village. All requests for interpretations or clarifications shall be made in writing and received by the Village at least five (5) business days prior to the date set for receipt of Proposals. All changes or interpretations of the specifications shall be made by the Village in a written addendum to the Village's proposers of record.
- 2.3 In case of error in the extension of prices in the Proposal, the hourly rate or unit price will govern. In case of discrepancy in the price between the written and numerical amounts, the written amount will govern.
- 2.4 All costs incurred in the preparation, submission, and/or presentation of any Proposal including any Proposer's travel or personal expenses shall be the sole responsibility of the Proposer and will not be reimbursed by the Village.
- 2.5 The Proposer hereby affirms and states that the prices quoted herein constitute the total cost to the Village for all work involved in the respective items and that this cost also includes all insurance, bonds, royalties, transportation charges, use of all tools and equipment,

superintendence, overhead expense, all profits and all other work, services and conditions necessarily involved in the work to be done and materials to be furnished in accordance with the requirements of the Contract Documents considered severally and collectively.

3. MODIFICATION OR WITHDRAWAL OF PROPOSALS

- 3.1 A Proposal that is in the possession of the Village may be altered by a letter bearing the signature of the person authorized for submitting a Proposal, provided that it is received prior to the time and date set for the Proposal opening. Telephone, email or verbal alterations of a Proposal will not be accepted.
- 3.2 A Proposal that is in the possession of the Village may be withdrawn by the Proposer, up to the time set for the Proposal opening, by a letter bearing the signature of the person authorized for submitting Proposals. Proposals may not be withdrawn after the Proposal opening and shall remain valid for a period of ninety (90) days from the date set for the Proposal opening, unless otherwise specified.

4. SECURITY FOR PERFORMANCE

- 4.1 The awarded Proposer, within thirteen (13) calendar days after acceptance of the Proposer's Proposal by the Village, shall furnish security for performance acceptable to the Village when required under the documents. Such security shall be either a satisfactory performance bond (bonding company must be licensed to do business in Illinois) or a letter of credit on the form provided by the Village and available from the Village's Purchasing Manager. Any bond shall include a provision as will guarantee faithful performance of the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq. **NOTE: As evidence of capability to provide such security for performance, each Proposer shall submit with the Proposal either a letter executed by its surety company indicating the Proposer's performance bonding capability, or a letter from a bank or savings and loan within twenty-five miles of the corporate boundaries of the Village indicating its willingness and intent to provide a letter of credit for the Proposer.**

5. DELIVERY

- 5.1 All proposal prices are to be quoted, delivered F.O.B. Village of Downers Grove, 5101 Walnut Ave, Downers Grove, IL 60515.

6. TAX EXEMPTION

- 6.1 The Village is exempt from Illinois sales or use tax for direct purchases of materials and supplies. A copy of the Illinois Sales Tax Exemption Form will be issued upon request. The Village's federal identification will also be provided to selected vendor.

7. RESERVED RIGHTS

- 7.1 The Village reserves the exclusive right to waive sections, technicalities, irregularities and informalities and to accept or reject any and all Proposals and to disapprove of any and all subcontractors as may be in the best interest of the Village. Time and date requirements for receipt of Proposals will not be waived.

II. TERMS AND CONDITIONS

8. VILLAGE ORDINANCES

- 8.1 The successful Proposer will strictly comply with all ordinances of the Village of Downers Grove and laws of the State of Illinois.

9. USE OF VILLAGE'S NAME

- 9.1 The Proposer 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.

10. SPECIAL HANDLING

- 10.1 Prior to delivery of any product which is caustic, corrosive, flammable or dangerous to handle, the Proposer will provide written directions as to methods of handling such products, as well as the antidote or neutralizing material required for its first aid before delivery. Proposer shall also notify the Village and provide material safety data sheets for all substances used in connection with this Contract which are defined as toxic under the Illinois Toxic Substances Disclosure to Employees Act.

11. INDEMNITY AND HOLD HARMLESS AGREEMENT

- 11.1 To the fullest extent permitted by law, the Proposer shall indemnify, keep and save harmless the Village and its agents, officers, and employees, against all injuries, deaths, losses, damages, claims, suits, liabilities, judgments, costs and expenses, which may arise directly or indirectly from any negligence or from the reckless or willful misconduct of the Proposer, its employees, or its subcontractors, and the Proposer shall at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith, and, if any judgment shall be rendered against the Village in any such action, the Proposer shall, at its own expense, satisfy and discharge the same. This agreement shall not be construed as requiring the Proposer to indemnify the Village for its own negligence. The Proposer shall indemnify, keep and save harmless the Village only where a loss was caused by the negligent, willful or reckless acts or omissions of the Proposer, its employees, or its subcontractors.

12. NONDISCRIMINATION

- 12.1 Proposer shall, as a party to a public contract:
- 12.1.1 Refrain from unlawful discrimination in employment and undertake affirmative action to assure equality of employment opportunity and eliminate the effects of past discrimination;
- 12.1.2 By submission of this Proposal, the Proposer certifies that it is an "equal opportunity employer" as defined by Section 2000(e) of Chapter 21, Title 42, U.S. Code Annotated and Executive Orders #11136 and #11375, which are incorporated herein by reference. The Equal Opportunity clause, Section 6.1 of the Rules and Regulations of the Department of Human Rights of the State of Illinois, is a material part of any contract awarded on the basis of this Proposal.

- 12.2 It is unlawful to discriminate on the basis of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental disability unrelated to ability, military status, order of protection status, sexual orientation, sexual identity, or an unfavorable discharge from military service. Proposer shall comply with standards set forth in Title VII of the Civil Rights Act of 1964, 42 U.S.C. Sec. 2000 *et seq.*, The Human Rights Act of the State of Illinois, 775 ILCS 5/1-101*et seq.*, and The Americans with Disabilities Act, 42 U.S.C. Sec. 12101 *et seq.*

13. SEXUAL HARASSMENT POLICY

- 13.1 The Proposer, as a party to a public contract, shall have a written sexual harassment policy that:
- 13.1.1 Notes the illegality of sexual harassment;
 - 13.1.2 Sets forth the State law definition of sexual harassment;
 - 13.1.3 Describes sexual harassment utilizing examples;
 - 13.1.4 Describes the Proposer's internal complaint process including penalties;
 - 13.1.5 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
 - 13.1.6 Describes the protection against retaliation afforded under the Illinois Human Rights Act.

14. EQUAL EMPLOYMENT OPPORTUNITY

- 14.1 In the event of the Proposer'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 Proposer 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 Contract, the Proposer agrees as follows:
- 14.1.1 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 disability unrelated to ability, order of protection status, military status, sexual orientation, sexual identity 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.
 - 14.1.2 That, if it hires additional employees in order to perform this Contract 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.

- 14.1.3 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 disability unrelated to ability, order of protection status, military status, sexual orientation, or an unfavorable discharge from military services.
- 14.1.4 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 Proposer'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 Proposer in its efforts to comply with such Act and Rules and Regulations, the Proposer will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.
- 14.1.5 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.
- 14.1.6 That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purpose of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
- 14.1.7 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 subcontractor. In the same manner as with other provisions of this Contract, the Proposer will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Proposer will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

15. DRUG FREE WORK PLACE

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

- 15.1 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 Village's or Proposer'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: (A) abide by the terms of the statement; and (B) 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.

- 15.2 Establishing a drug free awareness program to inform employees about: (1) the dangers of drug abuse in the workplace; (2) the Village's or Proposer'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.
- 15.3 Providing a copy of the statement required above to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- 15.4 Notifying the contracting or granting agency within ten (10) days after receiving notice of any criminal drug statute conviction for a violation occurring in the workplace from an employee or otherwise receiving actual notice of such conviction.
- 15.5 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.
- 15.6 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.
- 15.7 Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

16. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECTS ACT

- 16.1 In the event this is a public works project as defined under the Prevailing Wage Act, 820 ILCS 130/2, Proposer agrees to comply with the Substance Abuse Prevention on Public Works Projects Act, 820 ILCS 265/1 *et seq.*, and further agrees that all of its subcontractors shall comply with such Act. As required by the Act, Proposer agrees that it will file with the Village prior to commencing work its written substance abuse prevention program and/or that of its subcontractor(s) which meet or exceed the requirements of the Act.

17. PREVAILING WAGE ACT AND DAVIS-BACON ACT

- 17.1 Contractor agrees to comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 *et seq.*, for all work completed under this Contract. Contractor agrees to pay the prevailing wage and require that all of its subcontractors pay prevailing wage to any laborers, workers or mechanics who perform work pursuant to this Contract or related subcontract. For applicable rates, go to the State of Illinois – Department of Labor website (www.state.il.us/agency/idol/rates/rates.HTM) and use the most current DuPage County rate. The Department revises the prevailing wage rates and the Contractor or subcontractor has an obligation to check the Department's website for revisions to prevailing wage rates throughout the duration of this Contract.

- 17.2 Contractor and each subcontractor shall keep or cause to be kept accurate records of all laborers, mechanics and other workers employed by them on the public works project, which records must include each worker's name, address, telephone number when available, the last four digits of the worker's social security number, gender, race, ethnicity, veteran's status, skill level, classification, hourly wage paid (including itemized hourly cash and fringe benefits paid in each pay period), number of hours worked each day, the starting and ending times of work each day, the worker's hourly wage rate, the worker's hourly overtime wage rate, the worker's hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable. These records shall be open to inspection at all reasonable hours by any representative of the Village or the Illinois Department of Labor (IDOL) and must be preserved for five (5) years from the date of the last payment on the public work.
- 17.3 Since this is a contract for a public works project, as defined in 820 ILCS 130/2, Contractor agrees to post at the job site in an easily accessible place, the prevailing wages for each craft or type of worker or mechanic needed to execute the contract or work to be performed.
- 17.4 Because this is a public works project as defined under the Prevailing Wage Act, 820 ILCS 130/2, any and all contractors and subcontractors shall submit certified payroll records to IDOL no later than the fifteenth (15th) day of each calendar month for the immediately preceding month in which construction on a public works project has occurred. Contractor shall then provide an IDOL certification and case number to the Village. WITHOUT THIS PAPERWORK, NO INVOICE SHALL BE PAID BY THE VILLAGE. Filing false records is a Class A misdemeanor.
- 17.5 In the event that this is a construction project where Motor Fuel tax monies or state grant monies are used in the construction, maintenance and extension of municipal streets, traffic control signals, street lighting systems, storm sewers, pedestrian subways or overhead crossings, sidewalks and off-street parking facilities, and the like, the Village will require an Apprenticeship and Training Certification, attached after the Bidder's Certification.
- 17.6 Any bond furnished as security for performance shall include a provision that guarantees faithful performance of the Illinois Prevailing Wage Act, 820 ILCS 130/1 *et seq.*
- 17.7 Proposer is required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. A current wage determination applicable to this project is Davis-Bacon Act WD # IL20260020, a copy of which may be accessed at the following link: <https://sam.gov/wage-determination/IL20260020/2>
- 18. PATRIOT ACT COMPLIANCE**
- 18.1 The Proposer 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 Proposer further represents and warrants to the Village that the Proposer 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 Contract on behalf of any person or entity named as a Specially Designated National and Blocked Person. The Proposer 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.

19. INSURANCE REQUIREMENTS

- 19.1 The Proposer 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 Proposer from the types of claims set forth below which may arise out of or result from the Proposer's operations under this Contract and for which the Proposer may legally liable:
- 19.1.1 Claims under workers compensation, disability benefit and other similar employee benefit acts which are applicable to the operation to be performed, with a waiver of subrogation against the Village;
 - 19.1.2 Claims for damages resulting from bodily injury, occupational sickness or disease, or death of the Proposer's employees;
 - 19.1.3 Claims for damages resulting from bodily injury, sickness or disease, or death of any person other than the Proposer's employees;
 - 19.1.4 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 Proposer, or (2) by another person;
 - 19.1.5 Claims for damages, other than to the work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
 - 19.1.6 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;
 - 19.1.7 Claims for damages as a result of professional or any other type of negligent action by the Proposer or failure to properly perform services under the scope of the agreement between the Proposer and the Village.
- 19.2 The Proposer shall demonstrate having insurance coverage for a minimum of \$2 million for professional liability (errors and omissions).

- 19.3 As evidence of said coverages, Proposer 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.

20. COPYRIGHT/PATENT INFRINGEMENT

- 20.1 The Proposer 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 Proposer that constitutes a misuse of any proprietary or trade secret information or an infringement of any patent or copyright.

21. COMPLIANCE WITH OSHA STANDARDS

- 21.1 Equipment supplied to the Village must comply with all requirements and standards as specified by the Occupational Safety and Health Act. All guards and protectors as well as appropriate markings will be in place before delivery. Items not meeting any OSHA specifications will be refused.

22. CERCLA INDEMNIFICATION

- 22.1 In the event this is a contract that has environment aspects, the Proposer shall, to the maximum extent permitted by law, indemnify, defend, and hold harmless the Village, its officers, employees, agents, and attorneys from and against any and all liability, including without limitation, costs of response, removal, remediation, investigation, property damage, personal injury, damage to natural resources, health assessments, health settlements, attorneys' fees, and other related transaction costs arising under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, 42 U.S.C.A. Sec. 9601, *et seq.*, as amended, and all other applicable statutes, regulations, ordinances, and under common law for any release or threatened release of the waste material collected by the Proposer, both before and after its disposal.

23. BUY AMERICA

- 23.1 The Proposer agrees to comply with 49 U.S.C.5323(j), the Federal Transportation Administration's (FTA) Buy America regulations at 49 C.F.R. Part 661, and any amendments thereto, and any implementing guidance issued by the FTA, with respect to this Contract, when financed by Federal funds (through a grant agreement or cooperative agreement).

- 23.2 As a condition of responsiveness, the Contractor agrees to submit with its proposal submission, an executed Buy America Certificate, attached hereto.

24. CAMPAIGN DISCLOSURE

- 24.1 Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village shall be required to submit with its submission, an executed Campaign Disclosure Certificate, attached hereto.
- 24.2 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.

- 24.3 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.
- 24.4 By signing the bid or proposal documents, contractor/proposer/bidder/vendor 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.

25. SUBLETTING OF CONTRACT

- 25.1 No contract awarded by the Village shall be assigned or any part subcontracted without the written consent of the Village Manager. In no case shall such consent relieve the Proposer from its obligation or change the terms of the Contract.

All approved subcontracts shall contain language which incorporates the terms and conditions of this Contract.

26. TERM OF CONTRACT

- 26.1 The term of this Contract shall be as set forth in the Detail Specifications set forth in Section III below. This Contract is subject to the Village purchasing policy with regard to any extensions hereof.

27. TERMINATION OF CONTRACT

- 27.1 In the event of the Proposer's nonperformance, breach of the terms of the Contract, or for any other reason, and/or that sufficient funds to complete the Contract are not appropriated by the Village, the Contract may be canceled, in whole or in part, upon the Village's written notice to the Proposer. The Village will pay the Proposer's costs actually incurred as of the date of receipt of notice of default. Upon termination, the Proposer 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.

28. BILLING & PAYMENT PROCEDURES

- 28.1 Payment will be made upon receipt of an invoice referencing Village purchase order number. Once an invoice and receipt of materials or service have been verified, the invoice will be processed for payment in accordance with the Village payment schedule. 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 Proposer within 60 days of receipt of a proper bill or invoice. If payment is not issued to the Proposer 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.
- 28.2 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 Proposer 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.

- 28.3 As this Contract may include work defined as a “fixed public work” project under the Illinois Prevailing Wage Act, 820 ILCS 130/2 and pursuant to section 17.4 of this Request for Proposals, the Proposer shall provide an IDOL certification and case number to the Village along with the invoice for applicable services provided. No invoice shall be paid without said records. Please send all invoices to the attention of Julie Lomax, Downers Grove Public Works, 5101 Walnut Ave, Downers Grove, IL 60515.

29. RELATIONSHIP BETWEEN THE PROPOSER AND THE VILLAGE

- 29.1 The relationship between the Village and the Proposer 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.

30. STANDARD OF CARE

- 30.1. Services performed by Proposer under this Contract 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 Contract, or in any report, opinions, and documents or otherwise.
- 30.2 If the Proposer fails to meet the foregoing standard, Proposer will perform at its own cost, and without reimbursement from the Village, the professional services necessary to correct errors and omissions caused by Proposer’s failure to comply with the above standard and reported to Proposer within one (1) year from the completion of Proposer’s services for the Project.

31. GOVERNING LAW AND VENUE

- 31.1 This Contract will be governed by and construed in accordance with the laws of the State of Illinois without regard for the conflict of laws provisions. Venue is proper only in the County of DuPage and the Northern District of Illinois.

32. SUCCESSORS AND ASSIGNS

- 32.1 The terms of this Contract 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 Contract in whole or in part without the prior written approval of the other. The Proposer will provide a list of key staff, titles, responsibilities, and contact information to include all expected subcontractors.

33. WAIVER OF CONTRACT BREACH

- 33.1 The waiver by one party of any breach of this Contract 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

Contract and will not be construed to be a waiver of any provision except for the particular instance.

34. AMENDMENT

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

35. NOT TO EXCEED CONTRACT

- 35.1 The contract price is a “not-to-exceed” cost. At any time additional work is necessary or requested, and the not-to-exceed price is increased thereby, any change, addition or price increase must be agreed to in writing by all parties who have executed the Contract.

36. SEVERABILITY OF INVALID PROVISIONS

- 36.1 If any provisions of this Contract are held to contravene or be invalid under the laws of any state, country or jurisdiction, contravention will not invalidate the entire Contract, 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.

37. NOTICE

- 37.1 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 the Village as follows:

**Village Manager
Village of Downers Grove
850 Curtiss St
Downers Grove, IL 60515**

And to the Proposer as designated in the Contract Form.

38. COOPERATION WITH FOIA COMPLIANCE

- 38.1 Proposer acknowledges that the Freedom of Information Act does apply to public records in possession of the Proposer or a subcontractor. Proposer and all of its subcontractors shall cooperate with the Village in its efforts to comply with the Freedom of Information Act. (5 ILCS 140/1 *et seq.*)

39. COPYRIGHT or PATENT INFRINGEMENT

- 39.1 The Proposer 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 Proposer that constitutes a misuse of any proprietary or trade secret information or an infringement of any patent or copyright.

40. DISADVANTAGED BUSINESS ENTERPRISE (DBE) CERTIFICATION

- 40.1 Pursuant to 35 ILCS 200/18-50.2, Contractor and all subcontractors are required to complete and submit a Vendor DBE certification, regardless of DBE status. Contractor shall complete and require all its subcontractors to complete the DBE certification for this project at www.downers.us/vss. The information necessary for the Contractor and all subcontractors to

complete the certification includes the following: DBE Classification (minority-owned, women-owned, persons with disabilities-owned, veteran-owned, or none); if DBE, whether the company holds a certificate or self-certifies; if self-certifying, whether the company qualifies as a small business under the U.S. Small Business Administration standards; the company's name, address, city, state and zip code; company's contact person's name, title, telephone number and email address. NO PAYMENTS WILL BE MADE TO THE CONTRACTOR BY THE VILLAGE UNLESS AND UNTIL ALL OF THE CERTIFICATIONS FOR THE CONTRACTOR AND SUBCONTRACTORS HAVE BEEN COMPLETED.

41. CLEAN AIR ACT

- 41.1 Proposer shall comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

42. BYRD ANTI-LOBBYING AMENDMENT

- 42.1 By submitting a proposal, Proposer certifies that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352.

43. UNIQUE ENTITY IDENTIFIER (UEI) CERTIFICATION

- 43.1 By submitting a proposal, Proposer certifies that that they are registered in and maintain an active status within SAM.gov, and have obtained a valid UEI, or they will register with SAM.gov and obtain a valid UEI prior to award of this contract.

III. DETAIL SPECIFICATIONS

1. QUALIFICATIONS

The prospective Firms must have particular expertise in Design/Build Services specifically related to streambank stabilization and naturalization in order to fully and properly act on the Village's behalf in all activities related to design, permitting and construction of the project. These Firms must have design and construction capabilities and have a staffed office located within approximately 150 miles of the Village. In order to be considered for this project, interested Firms must submit the following information (if sub-consultants/contractors are proposed, similar detailed information must be provided for each entity):

1.1 Company Background

- a) Number of years in business
- b) Officers of Company
- c) Annual Volume of Similar Work
- d) Current Capacity
- e) Listing of existing suits, claims, or pending judgments

1.2 Services Provided In-House

- a) Design Services
- b) Construction Services (Include applicable equipment list)

1.3 Similar Project Experience

- a) Provide detailed information regarding similar projects performed by the submitting firm within the past five (5) years. At least two (2) of these projects must have significant in-stream work and Army Corps of Engineers permitting.
- b) Provide information about any grants applied for and/or used for the project.
- c) Include client contact information for all projects

1.4 Proposed Project Team

- a) Identify a project manager and full-time onsite construction supervisor, with qualifications.
- b) Identify any sub-consultants, sub-contractors, and/or project partners.

2. PROJECT INFORMATION

2.1 The Village of Downers Grove (Village) is seeking technical cost proposals from qualified firms (CONSULTANT) to provide Permitting and Design/Build services for Streambank Stabilization and Water Quality Improvements to Prentiss Creek. The Consultant selected by the Village pursuant to this RFP is not authorized to perform work for the Village until a fully executed and authorized Agreement is in place and a notice to proceed has been issued by the Village.

2.2 Project Description

The project includes design, construction, and permitting relating to streambank stabilization and water quality improvements within a portion of Prentiss Creek from

67th Street to Prentiss Drive (see Exhibit A). The property containing the creek is owned by the Village and flows behind and between residential properties (single family homes and townhomes).

The Village has received IEPA 319 grant funding, as well as DuPage County Water Quality Program grant funding for this project. The preliminary design for the project was completed by Farnsworth Group, dated December 21, 2024 (see Exhibit B). The Consultant shall reasonably assist the Village in complying with all terms of the grant agreement relative to the IEPA 319 grant funds.

- 2.3 Proposed improvements include removal of existing stabilization practices (such as ajax and gabions), in-stream restoration, riparian buffer enhancement, sediment removal, retaining walls/gabions (only if required), riffles and pools, J-hooks, stone toe, cross vane weirs, toe wood, selective tree/vegetation removal, and planting native vegetation/vegetative streambank stabilization, along with maintenance and monitoring.

2.4 Project Location

The limits of the project are shown in Exhibit A. The project area includes the creek channel and floodway beginning at the outfall west of 67th St and Powell St (upstream) and ending at the south entrance of the culvert under Prentiss Dr (downstream). The length of the creek within the scope area is approximately 3,900 linear feet (approximately 5.2 acres).

2.5 Scope, Deliverables, and Schedule

Consultant shall provide final plans and specifications for permitting and construction, along with a stormwater report and all modeling/calculations for design and permitting, wetland delineation, ecological/native plant design and installation shall be included. Maintenance and monitoring of the plants shall be included for 3-years. Long-term maintenance plans shall be included with the plans. Any additional surveying to complete the final plans not due to added scope shall be included in the cost. Consultant shall also include the submittal and coordination of all required permits (i.e. US Army Corps of Engineers, Illinois Department of Natural Resources – Office of Water Resources / DuPage County, Kane-DuPage Soil and Water Conservation District, Illinois Environmental Protection Agency Notice of Intent, Village of Downers Grove).

Consultant shall provide on-site construction administration and construction oversight, construction staking/layout, review submittals/shop drawings, daily reporting/document quantities, as well as construction of proposed design.

3. PROPOSAL

- 3.1 This RFP will become the contract between the prospective Firm and the Village. You must submit this entire RFP document with your proposal.

3.2 Quantity and Format

One original and one copy of the Proposal shall be submitted in an 8 ½ x 11 format and be organized as follows:

- Cover Letter (optional)
- Project Understanding/Approach
- Project Team
- Proposed Project Schedule
- Proposed Overall “Not-To-Exceed” fee proposal – include separate 10% contingency in your fee proposal.

The Proposal shall be succinct, and directly relevant to this project. Maximum number of pages for Firm generated proposal information shall be approximately 20 single sided or 10 double sided. Double sided printing is allowable and encouraged.

3.3 Deadline and Proposal Disposition

Proposal due date is listed on Page 1 of this RFP. Proposals received after the specified time and date will not be accepted and will be returned unopened to the Proposer. Proposals shall become the property of the Village. The Village will maintain confidentiality of all received Proposals until the contract is awarded, and not disclose information provided by prospective Firms with any other Firm prior to award of the contract, nor with the selected Firm, unless otherwise required to be disclosed pursuant to the Freedom of Information Act.

3.4 Fees

The Design-Build project shall be a Base Lump Sum Cost with a contingency. Unit price costs for each proposed treatment shall be given, only to be used in the event the amount of each proposed treatment is increased/reduced as a result of final design, permitting or field conditions. Anticipated permit fees shall be identified in the Proposal, exclusive of the costs relative to the preparation of permit application. The Davis-Bacon Act shall apply to all fixed works construction.

This “Not To Exceed” cost shall include deliverables and reimbursable expenses, such as vehicles, mileage, equipment, postage, delivery service, printing, etc – these shall be itemized. Permit fees to third party agencies shall be paid directly by the Village. Include the estimated cost for each required permit in the proposal. The Village shall be invoiced monthly. **Additional compensation above and beyond the “Not to Exceed” cost (i.e. change orders) will not be considered without a significant change in project scope.**

3.5 Evaluation Criteria

The following general criteria will be used to evaluate the submission of Consultant’s qualifications and proposal.

- a) Understanding and execution of similar projects and services
- b) Reliability of performance of the Consultant on past projects
- c) Quality of communication skills and effectiveness of project manager and full-time onsite construction supervisor

- d) Insurance coverages
- e) The sufficiency of financial resources and ability of the Consultant to perform the contract and/or provide the service
- f) Past performance of the Consultant with the Village or with other entities as evidence of the Consultant's responsibility, character, integrity, reputation, judgement, experience, efficiency, and cooperativeness.

4. PROJECT DELIVERABLES

4.1 General

The Consultant shall provide the above identified deliverables by no later than the dates specified unless the schedule is modified and agreed to in writing by the Village.

4.2 Deliverable Quantities and schedule

- Notice to Proceed is anticipated on or around Wednesday, September 16, 2026.
- One (1) 1-hour project kick-off meeting with Village Staff.
- One (1) 1-hour design review meeting with Village Staff.
- Permit submittals (plans and specifications, stormwater report, and calculations / modeling) due by November 1, 2026.
- Construction documents (plans and specifications, stormwater report, and calculations / modeling) due by November 16, 2026.
- One (1) 2-hour pre-construction meeting at Public Works and/or on site
- One (1) flash drive (or other method approved by the Village) containing electronic copies (.pdf) of all final project files, daily reports, drawings, as-built drawings, and any supporting documentation upon project completion
- Ecological / wetland performance report for submittal to USACE, IEPA and Downers Grove, and final close-out meeting with USACE.
- Construction shall start within 14 calendar days of all necessary permits, but not later than June 1, 2027.
- Construction shall be substantially complete by January 2, 2028, with final completion by March 30, 2028.

5. CONTACT

All questions concerning the project and/or submittal should be directed to:

Julie Lomax, PE, CFM
Stormwater Administrator
Village of Downers Grove
5101 Walnut Avenue
Downers Grove, Illinois 60515
Phone 630-493-8821
Fax 630-434-5495
jlomax@downers.us

IV. PROJECT SPECIFICATIONS

1. STANDARD SPECIFICATIONS

1.1 The following standards shall govern the construction of the proposed improvements:

1.1.1 Standard Specifications for Water and Sewer Main Construction in Illinois, Eight Edition, 2020 (the Water & Sewer Specs.); and

1.1.2 Standard Specifications for Road and Bridge Construction as adopted by the Illinois Department of Transportation, April 1, 2022; along with Supplemental Specifications and Recurring Special Provisions, as adopted by the Illinois Department of Transportation, January 1, 2026 (collectively the “SSRBC”); and

1.1.3 Standard Detail Drawings, Village of Downers Grove, Illinois revised January 2025.

1.2 These Contract Documents shall take precedence whenever there are conflicts in the wording or statements made by the above specifications and these Contract Documents.

1.3 Unless otherwise referenced herein, Division I of the Water and Sewer Specs and Section 102 and Articles 104.02, 104.03, 104.07, 107.02, 107.27, 107.35, 108.10, 108.11, and 108.12 of the SSRBC are hereby suspended.

2. FINAL DESIGN AND COOPERATION OF CONTRACTOR

2.1 The Contractor shall be solely liable for the final design of the project. The Contractor shall submit final design plans with any approved design changes for review by the Village.

2.2 The Contractor shall have on the work site at all times, as the Contractor's agent, a competent English-speaking representative capable of reading and thoroughly understanding the Contract Documents, and thoroughly experienced in the type of work being performed. The representative shall also be capable of receiving instruction from the Village, and shall have full authority to promptly respond to such instruction. He shall be capable of supplying such materials, equipment, tools, labor and incidentals as may be required. This individual shall be subject to approval by the Village. The Contractor shall not replace him without prior written notification to and approval by the Village.

The Contractor shall keep one set of the approved plans and contract assemblies shall be kept available on the work site at all times. The Contractor shall give the work site constant attention necessary to facilitate the progress thereof, and shall cooperate with the Village in every way possible.

3. LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC

3.1 Section 107 of the SSRBC shall govern the Contractor’s legal regulations and responsibility to the public, with the following additions:

3.1.1 PROJECT SAFETY. Add the following to Article 107.28:

- 3.1.1.1 The Contractor shall conduct his work in such a manner as to provide an environment consistent with the safety, health and well being of those engaged in the completion of the Work specified in this Contract.
- 3.1.1.2 The Contractor shall comply with all State and Federal Safety Regulations as outlined in the latest revisions of the Federal Construction Safety Standards (Series 1926) and with applicable provisions and/or regulations of the Occupation Safety and Health Administration (OSHA) and Standards of the Williams-Stelger Occupational Health Safety Act of 1970 (Revised). SPECIAL ATTENTION SHALL BE PAID TO COMPLIANCE WITH OSHA'S SUBPART P – EXCAVATIONS STANDARD.
- 3.1.1.3 The Contractor and Village shall each be responsible for their own respective agents and employees.
- 3.1.1.4 The Contractor shall, prior to performing any work, request information from the Village regarding any existing confined spaces owned by the Village that may be entered in the course of the work, and shall obtain all required confined space entry permits prior to entering any confined spaces. Contractor shall follow all current laws and regulations with regard to confined space entry. Contractor shall maintain and, upon request, provide full documentation of compliance with the appropriate confined space permits for each separate confined space entered on the project.
- 3.1.2 BACKING PRECAUTIONS. Pursuant to the Downers Grove Municipal Code, any motor vehicle which has an obstructed view to the rear and is to be operated at any time in reverse gear on the public streets of the Village by the Contractor or any subcontractor shall either be equipped with a reverse signal alarm (backup alarm) audible above and distinguishable from the surrounding noise level, or shall provide an observer to signal that it is safe to back up.
- 3.1.3 OVERWEIGHT, OVERWIDTH AND OVERHEIGHT PERMITS. The Village has and supports an overweight truck enforcement program. Contractors are required to comply with weight requirements and safety requirements as established by Illinois Law or Village Ordinance, for vehicles, vehicle operators and specialty equipment. In some instances, specialty equipment for road repairs or construction projects requires the movement of overweight, overwidth, or overheight loads utilizing a Village roadway. Such movement will require obtaining a permit from the Village Police Department's Traffic Supervisor.
- 3.1.4 BARRICADES AND WARNING SIGNS. The Contractor shall provide the Village with a telephone number of a person or company who is available 24 hours per day, seven days per week, to erect additional barricades or signs. If the Village or its representative deems it necessary for the Public's safety to erect additional barricades

or signs during normal working hours, the Contractor will furnish the necessary barricades or signs, and have them in place within 30 minutes. If, after normal working hours, the requested signs are not in place within three hours after the request is made, the Village reserves the right to have the barricades and signs erected. The cost of erecting the barricades and signs shall be deducted by the Village from any payments due the Contractor.

- 3.1.5 **CONTRACTOR’S RESPONSIBILITY.** Note the following regarding Article 107.30: No natural event will be considered cataclysmic.

4. Reserved.

5. Reserved.

6. PROSECUTION AND PROGRESS

- 6.1 Section 108 of the SSRBC shall govern the prosecution and progress of the work, with the following additions:

- 6.1.1 Prior to commencing construction, a meeting will be held with the Contractor and the Village. Any questions concerning procedures, general conditions, special provisions, plans or specific items related to the project shall be answered and clarified. No Pre-Construction meeting shall be scheduled until submittals, performance bonds, and certificates of insurance are delivered to, and approved by, the Village.
- 6.1.2 Weekly progress meetings may be required by the Village. If required, the Contractor shall have a capable person, such as a site superintendent or project manager, attend such meetings and be prepared to report on the prosecution of the Work according to the progress schedule.

7. MEASUREMENT AND PAYMENT

- 7.1 Section 109 of the SSRBC shall govern measurement and payment, with the following additions:

- 7.1.1 Modifies Article 109.07 - Partial payments will be made per Section 36 of Part II of this document (Billing and Payment Procedures.)
- 7.1.2 The Village will require that partial and final affidavits for all labor, materials and equipment used on the Project, be submitted with the partial and final payment requests. Such waivers shall indicate that charges for all labor, materials and equipment used on the project have been paid. Partial waivers from suppliers and subcontractors may be submitted after the first payment to the Contractor, and before the subsequent payment to that which they apply. However, partial waivers from the Contractor must accompany the invoice of the payment to which it applies. All final waivers, from all suppliers and subcontractors **MUST** accompany the Contractor’s invoice upon submittal for final payment. A sworn statement by the Contractor shall accompany full waivers. Such requirement for full waivers is solely for the benefit of

the Village and shall not be construed to benefit any other person. Partial payment for work done shall in no way imply acceptance of the work to that date.

8. GENERAL CONSTRUCTION REQUIREMENTS

- 8.1 The following general requirements are intended to govern the overall priority for the performance of the work described in this contract. As general requirements, they are not intended to dictate to the Contractor the precise method by which these tasks shall be performed.
- 8.2 All street openings made prior to November 15th shall be fully restored according to the applicable special provisions, and the street reopened to regular traffic upon the availability of hot-mix asphalt. The Contractor shall assume the risk of restoration over those reaches of pipe installed but not yet pressure-tested for pipe integrity.
- 8.3 No more than three hundred linear feet (300 LF) of pavement may be open-cut and closed to use by the motoring public. Access to all individual drives within the current work zone must be restored at the end of each workday.
- 8.4 The Contractor shall maintain traffic flow on ALL STREETS during the day in accordance with the applicable special provision. Adequate signing and flagging is of particular importance for safe travel of all residents.

9. CONSTRUCTION STAKING AND RECORD DRAWINGS

- 9.1 Section 5-7 of the Water and Sewer Specs shall be replaced in its entirety by the following:
 - 9.1.1 The Contractor shall furnish and place all construction layout stakes for this project. Competent personnel with suitable equipment shall conduct this work, supervised by a licensed Illinois Land Surveyor. The Contractor shall be responsible for having the finished work conform substantially to the lines, grades, elevations and dimensions shown on the plans.
 - 9.1.2 The Contractor shall provide adequate control points to construct the individual Project elements, and shall provide the Engineer with adequate control in close proximity to check the compliance of the elements constructed.
 - 9.1.3 The Contractor shall record all field notes in standard survey field notebooks and those books shall become the property of the Village at the completion of the Project. All notes shall be neat, orderly and in an accepted format.
 - 9.1.4 Prior to final payment and within 28 calendar days of substantial completion, as determined in section III.4.2 the Contractor shall provide the Village with record drawings showing the elevations of all constructed storm and sanitary sewer manholes, catch basins, inlets, clean-outs, and any other structures defined by the Engineer as part of the project, including all rim elevations, and invert elevations of all pipes. Rim elevation of all curb structures shall be taken at the flowline of the gutter. Significant changes to the design plans shall also be depicted. Red-lined plans

or electronically-generated as-built plans are acceptable. Digital copies of as-built drawings must also be provided (TIF files or approved equal), along with two full-sized paper copies. All work related to generating the as-built drawings shall be supervised by a licensed Illinois Land Surveyor.

10. PRECONSTRUCTION VIDEO

- 10.1 Description: This work shall consist of furnishing all materials and labor required to perform a videotape survey of the construction limits, adjacent right-of-way, and adjacent structures bordering the work. This shall include, but not be limited to, existing buildings, garages, pavements, curb and gutter, sidewalks, fences, trees and landscaping. Two (2) copies of the videotape shall be furnished to the Owner in DVD format. Videotaping shall be performed by a reputable company meeting the approval of the Owner, in the presence of a representative of the Owner, and shall be performed prior to the commencement of construction. The videotape survey shall serve as a basis for establishing damage that has occurred as a result of construction operations.

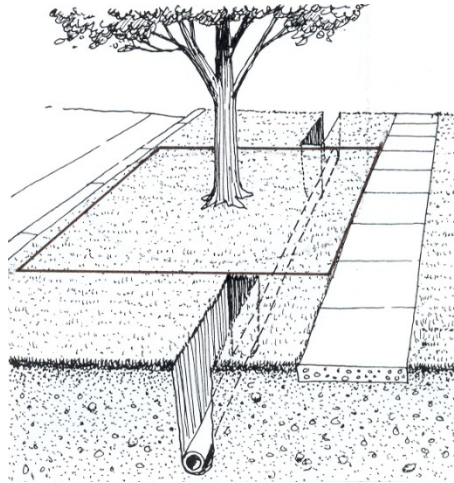
11. ACCESS AND WATER SHUT-OFF NOTIFICATION

- 11.1 If access to a driveway will be blocked, or water will be turned off, the Contractor shall give that resident or business proper written notification at least 24 hours in advance. The Contractor must provide them the opportunity to remove their cars from the drive or make other arrangements, and prepare for any shutdown of the water system. Samples of written notices shall be submitted to the Engineer for approval.
- 11.2 In addition, the Contractor shall be responsible for notifying the resident or business verbally on the morning of any driveway closure, to ensure awareness of the lack of access.

12. TREE PROTECTION

- 12.1 Municipal Codes regarding trees, including tree protection requirements for public parkway trees, are located in Chapter 24 of the Downers Grove Municipal Code. Specifically, Municipal Codes 24-7 and 24-8 detail the public parkway tree protection sizes and fines for violations. The Village Forester shall approve all tree protection measures and any deviations. All tree protection measures and any deviations shall be noted in the contract specifications and on approved project plan sheets and permits using the guidelines listed below.
- 12.2 Tree protection shall include avoiding damage to the above ground tree branches and trunk, and the below ground root system and surrounding soil. Tree crowns and trunks shall not suffer any branch or bark loss. Roots shall be protected from compaction, storage of materials, severing, regrading of the parkway or excavation unless specifically noted on the project plan sheets.
- 12.3 The Critical Root Zone, or CRZ, is the area immediately surrounding a tree that must be protected from damage. In a municipal parkway setting with utilities and paved or concrete surfaces, the size of the CRZ has been adjusted to form a rectangle around the parkway tree trunk with minimum dimensions listed in the following table. The depth of the CRZ extends to 4 feet below the natural ground surface level.

Parkway Tree diameter at 4.5'	Width street to property (min. curb to sidewalk)	Length along street street (minimum)	Depth
0 – 12.0 inches	10.0 feet	10 feet	4 feet
12.1 – 24.0 inches	10.0 feet	20 feet	4 feet
24.1 or more inches	10.0 feet	30 feet	4 feet



- 12.4 For projects that involve excavations of less than one (1) foot in depth in the parkway or street and are replacing structures in the same location, fencing of the public parkway trees shall not be required. Example projects include, but are not limited to, street pavement resurfacing, curb removal/replacement, driveway removal/replacement, or sidewalk removal/repairs or new sidewalk installations. Contractors shall be mindful of the CRZ dimensions and potential for fines if any parkway trees suffer any unauthorized damage as determined by the Village Forester.
- 12.5 For projects that involve excavations of one (1) or more feet in depth in the parkway or street or both, fencing of the public parkway trees shall be required. Example projects include, but are not limited to, watermain replacements with new roadway, keystops and domestic service box installations, sanitary line replacements and new service connections, new or replacement natural gas services, new or replacement phone or fiber optic lines, or new or replacement storm sewers, or projects that widen roads which in turn decreases the parkway soil volume around public parkway trees.
- 12.6 Projects that require fencing (listed above) shall fence the public parkway trees with six (6) foot high chain link construction fence secured to metal posts driven in the ground which are spaced no further than ten (10) feet apart. The dimensions of the fence shall depend on the tree diameter size and shall follow the table listed for the CRZ above, or as large as practical dependent on driveways and other field conditions. The fenced rectangle shall have three (3) sides with the opening facing the adjacent residences for easy access for mowing or tree care. Under no circumstances shall any items be stored within the fence. All fence shall be maintained daily in an upright good condition. The size and location of all fencing shall be shown on the project plan sheets.

- 12.7 To avoid damage to the CRZ, utilities must be augered underneath the public parkway trees. Excavation pits for augering equipment are to be outside the fenced area and are to be shown on the project plan sheets. Excavation pits for roundway keystops and domestic service boxes are to be as small as practical with excavation occurring in a direction away from the adjacent public parkway tree.
- 12.8 In cases when severing of roots within a portion of the CRZ may be unavoidable (ex. sidewalk installation, curb replacement, water or sanitary service replacement), subject to the approval of the Village Forester, sharp clean cuts shall be made on root ends to promote wound closure and root regeneration. Root pruning and excavation activities shall occur such that the smallest volume of soil and roots is disturbed, and the locations shall be shown on the project plan sheets.
- 12.9 In addition to fines and citations that may be assessed for violations of any Chapter 24 of the Municipal Code (such as not maintaining fencing around the CRZ or unauthorized removal of protected trees), the contractor may be subject to the following provisions:
- issuance of an invoice for the value or partial value of the tree lost due to damage to either the above ground or below ground portions of the parkway tree, or unauthorized tree removal.
 - costs of repairs, such as pruning or cabling, or costs for removal of the damaged parkway tree along with the stump if the tree cannot remain in the right-of-way.
 - fines of \$500 for the 1st offense; \$1,000 for the 2nd offense; \$2,500 for the 3rd and subsequent offenses.
 - each day during which a violation continues shall be construed as a separate and distinct offense.
- 12.10 The value or partial value of the tree lost shall be determined by the Village Forester using the most current edition of the Guide for Plant Appraisal (prepared by the Council of Tree & Landscape Appraisers and the International Society of Arboriculture) and the most current edition of the Species Ratings & Appraisal Factors for Illinois (prepared by the Illinois Arborist Association). The total cost determined for the damage shall be deducted from the payments made to the Contractor for the project. Should the Village hire another Contractor or tree service to complete pruning work, these costs shall also be deducted from the payments made to the Contractor.
- 13. EROSION AND SEDIMENTATION CONTROL**
- 13.1 Throughout each and every phase of the project, all downstream ditches and storm sewers shall be protected from the run-off of roadway surfaces, excavations, and other construction activities generating the movement of dirt, mud, dust and debris. This work shall consist of constructing erosion and sedimentation control systems as agreed upon by the Village and Contractor and in compliance with applicable permit regulations. The work shall be placed by methods and with materials in accordance with Sections 280, 1080 and 1081 of the SSRBC, except as amended herein.
- 13.2 All erosion and sedimentation control measures shall be installed on the project site prior to beginning any construction activities which will potentially create conditions subject to erosion. Erosion control devices shall be in place and approved by the Engineer as to proper

placement and installation prior to beginning other work. Erosion control protection for Contractor equipment storage sites, plant sites, and other sites shall be installed by the Contractor and approved by the Engineer prior to beginning construction activities at each site.

- 13.3 The Contractor is responsible for all compliance with the General NPDES Permit (No. ILR10) for Storm Water Discharges from Construction Site Activities. This shall include, but not be limited to, preparation and submittal of all required forms such as the NOI, ION, NOT, SWPPP, etc. The Contractor is responsible for performing all soil erosion and sediment control inspections, maintaining inspections, reports, logs, etc. and for keeping an up to date SWPPP on site at all times.

14. TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS

- 14.1 This item shall include the furnishing, installing, maintaining, relocating and removing of all traffic control devices and personnel used for the purpose of regulating, warning, or directing traffic during the construction of this project. All traffic control devices used on this project shall conform to the Standard Specifications for Traffic Control Devices and the Illinois Manual on Uniform Traffic Control Devices.
- 14.2 No waiving of these requirements will be allowed without prior written approval of the Engineer.
- 14.3 The Contractor shall protect all workers engaged in the project, and shall provide for safe and convenient public travel by providing adequate traffic control under all circumstances. Such circumstances may include, but not be limited to work performed along the route under construction, road closures for construction operations of any type, or when any section of the road is opened to traffic prior to completion of all work. The Contractor shall ensure that the work zone in question is properly signed, barricaded and otherwise marked.
- 14.4 The Contractor will be responsible for the proper location, installation, and arrangement of all traffic control devices during the period of construction. All open excavations shall be protected by Type I barricades equipped with working bi-directional flashing lights at each end of the excavation, as well as at 50-foot intervals between ends for excavations greater than 50 feet in length and weighted down by **one sandbag per each barricade**. All street closures shall be protected by Type III barricades equipped with working bi-directional flashing lights and weighted down by **eight sandbags per each barricade**.
- 14.5 The Contractor shall plan his work so that there will be no open excavations during non-working hours and that all barricades not necessary have been removed from the pavement during non-working hours.
- 14.6 In the event that one direction of vehicular travel must be closed, the Contractor has the option of setting up a detour route or using flaggers (minimum of two) to direct traffic around the work area. The Engineer shall approve proper signing and barricading of the detour route and lane closures, and shall issue written authorization prior to closure.

- 14.7 In the event that both directions of vehicular travel must be closed, the Contractor shall set up a detour route to direct traffic around the work area. The Engineer shall approve proper signing and barricading of the detour route and shall issue written authorization prior to closure.
- 14.8 The Contractor shall maintain his operations in a manner such that traffic flow shall not be substantially impeded during the construction of the proposed improvements. Where traffic must cross open trenches during a given work day, the Contractor shall provide steel plates at street intersections and driveways. Prior to the end of a given work day, the pavement surface shall be temporarily restored.
No open excavation may be left overnight or on the weekend without the express written permission of the Engineer.
- 14.9 No street closure shall be permitted without the express written permission of the Engineer. No street closure may exceed 800 linear feet, nor be in effect from Friday night at 4:30PM to Monday morning at 9:00AM. Where it is necessary to establish a temporary detour, all the requirements of the Standard Specifications and MUTCD shall be met.
- 14.10 As the condition and location of the work changes, the Contractor shall maintain all traffic control devices and personnel engaged in traffic control, in a manner that will accommodate the changing particulars of the work at any given time. Advance warnings, detour and directional information and other controls or directions necessary for safe passage of traffic around the work site shall be reviewed and changed, if necessary, to meet the needs of the situation. Signage erected, but not necessary or proper for the situation ahead shall be covered or taken down. Barricading and signage shall be monitored by the Contractor on a daily basis to ensure that it meets the requirements for work zone safety for the conditions of the particular work being performed.
- 14.11 The Contractor shall provide a name and phone number of a responsible party capable of providing emergency service, 24 hours per day, for the duration of the Project.

15. STREET SWEEPING AND DUST CONTROL

- 15.1 All roadway surfaces shall be kept free of dirt, mud, dust and debris of any kind throughout every phase of the project. Dirt, mud, dust and debris of any kind shall be removed from the roadway surface to the satisfaction of the Engineer by approved mechanical sweeping equipment.
- 15.2 Whenever directed by the Engineer, the Contractor shall mechanically sweep the pavement adjacent to the work site.

16. DOWNERS GROVE STANDARD DETAIL DRAWINGS

Include appropriate standard details – available at

https://www.downers.us/corecode/uploads/document6/uploaded_pdfs/corecode/Standard%20Detail%20Drawings%20Manual_1051.pdf

17. SPECIAL PROVISIONS

In addition to the foregoing Project Specifications, which shall govern the manner in which work is conducted, the Village shall provide to the selected Contractor with a set of additional Special Provisions that shall modify, supersede, or supplement the Standard Specifications referred to in General Provisions. Any deviation from these Special Provisions recommended by the Contractor requires notification to, and ultimate approval by, the Village. The Contractor shall provide its own special provisions for its proposed design and construction of the improvements to meet the Village's objectives of the improvements identified herein, which shall be reviewed by the Village prior to commencement.

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is *supplemented* by any of the Special Provisions supplied by the Village or the Contractor, the provisions of such section, subsection, paragraph, or subparagraph shall remain in effect. The Special Provisions shall govern in addition to the particular Standard Specification so supplemented, and not in lieu thereof.

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is *amended, voided, or superseded* by any of Special Provisions, any provision of such section, subsection, paragraph, or subparagraph standing unaffected, shall remain in effect. The Special Provisions shall govern in lieu of any particular provision of the Standard Specification so amended, voided, or superseded, and not in addition to the portion changed.

Exhibit A

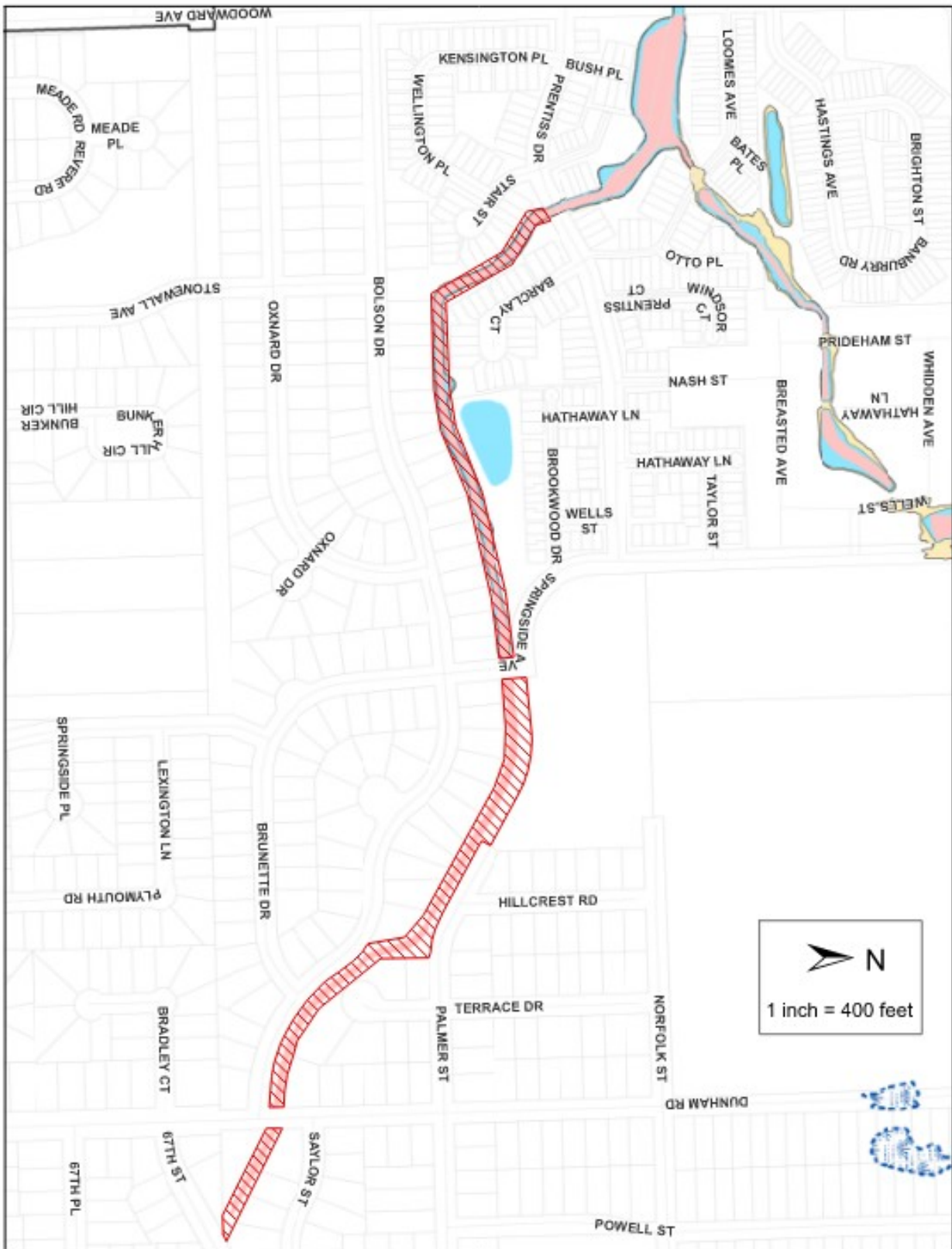


Exhibit B

Preliminary design information – by Farnsworth Group:

1. Prentiss Creek Streambank Stabilization Plans (12/21/2023)
2. Prentiss Creek Streambank Stabilization Stormwater Report (12/20/2023)
3. Prentiss Creek Waters of the United States Report (12/4/2023)
4. Cost Estimate: See attached grant application that has been approved by the the Illinois Environmental Protection Agency.

V. PROPOSER'S RESPONSE TO RFP (Professional Services)

(Proposer must insert response to RFP here. DO NOT insert a form contract, the RFP document including detail specs and Proposer's response will become the Contract with the Village.)



PROPOSAL FOR

Prentiss Creek Streambank Stabilization Design/Build

Village of Downers Grove

August 26, 2026



1011 Warrenville Road, Suite 375
 Lisle, IL 60532
 p 630.296.5877
www.f-w.com

August 26, 2026

Julie Lomax
 Stormwater Administration
 Village of Downers Grove
 5101 Walnut Avenue
 Downers Grove, IL 60515

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RE: Village of Downers Grove Proposal for Prentiss Creek Streambank Stabilization Design/Build

Dear Ms. Lomax,

Farnsworth Group's water resources engineering group specializes in sustainable and ecological design, using native materials to work with the stream's geomorphological behavior to provide long-lasting stability of the stream corridor in a way that benefits both society and the natural environment. For Prentiss Creek, our team strives to continue the excellent relationship with the Village in order to finalize design, obtain necessary permits, and complete construction of the project in which we are deeply invested.

WATER RESOURCE EXPERTS

Our team is comprised of experts who understand streams, ecology, and erosion. Farnsworth Group has expertise in stream restoration techniques, velocity dissipation, and erosion protection measures. A3 Environmental Consultants brings ecological design expertise. WSP will assist with FEQ modeling and permit preparation. Cardinal State Construction will work as our general contractor to turn plans into reality. This team incorporates individuals who have brainstormed the conceptual plans for this restoration project, so we know the stream well, we enjoy working with the Village, and we are excited about seeing the project to completion. We have added WSP to the team to handle the modeling component of the project and we are confident they are up to speed on both the project and their involvement.

SUSTAINABLE DESIGN EXPERIENCE

Using ecological engineering principles, the Farnsworth Group team has designed Prentiss Creek to be a sustainable, long-lasting urban channel. We propose to finalize the details of the project to ensure the riffle/pool spacings are correct, the channel has the proper bankfull bench, and the tree removal and replacement goes smoothly. Our past projects demonstrate to the success of our methods. For instance, our ravine stabilization project in Danville, Illinois, was slammed with a 100-year event days after construction finished this summer. The ravine withstood the flood with minimal sedimentation on the erosion control mat, which is a testament to the robustness of our sustainable designs.

Thank you for considering Farnsworth Group for this important project. Our experience and commitment will ensure the Village's established goals are met. If you have any questions regarding our submittal, please contact me at 217.298.9014 or via email at ejenkins@f-w.com.

Sincerely,

FARNSWORTH GROUP, INC.

Emily Jenkins, PhD, PE, CFM, GIP
 Senior Engineering Manager



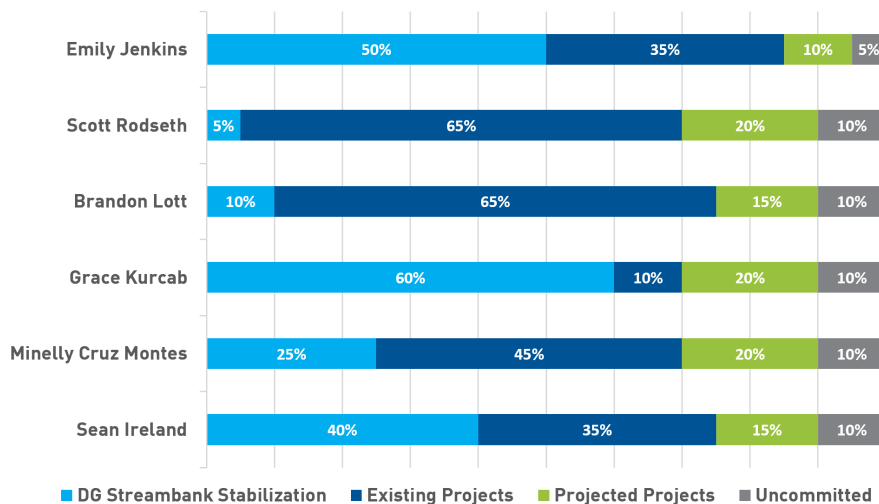
01 | COMPANY BACKGROUND - FARNSWORTH GROUP

FIRM DESCRIPTION

Farnsworth Group is an employee-owned, full-service design firm with over 650 engineers, architects, surveyors, commissioning authorities, technicians, and support personnel across the United States. Farnsworth Group ranks among the top design firms in the nation by Architectural Record and Engineering News-Record magazine, and is a leader in the A/E/C community focusing on people, passion, and performance.

CURRENT CAPACITY

Farnsworth Group's current workload is such that we will begin immediately upon your notice to proceed. The graph below outlines our proposed teams current capacity.



YEARS IN BUSINESS

Farnsworth Group has been in business for 136 years and was incorporated in Illinois in 1983.

COMPANY OFFICERS

Farnsworth Groups is an employee-owned S-Corporation with 84 shareholders and five corporate officers, who are listed below.

- Karen Jensen, President
- Don Forrest, Secretary
- Michael Reddington, Treasurer
- Laura Weber, Vice President
- Michael Wolf, Vice President

ANNUAL VOLUME OF SIMILAR WORK

Our water resources team has an annual volume of stormwater management projects of \$1,334,697.

LITIGATION

Farnsworth Group has not been involved in any litigation or court proceedings over the past ten years that would jeopardize or limit its ability to serve as a dynamic and successful partner to the Village of Downers Grove.

A3 ENVIRONMENTAL

FIRM DESCRIPTION

A3 Environmental Consultants (A3E) is a WBENC-certified, woman-owned environmental consulting firm providing ecological design, wetland delineation, USACE and state/local environmental permitting, native vegetation planning, construction observation, and post-construction ecological monitoring. With the acquisition of Olson Ecological Solutions, A3E's ecology practice is fully in-house.

YEARS IN BUSINESS

A3E has been in business for 11 years.

COMPANY OFFICERS

A3E is made up of one company officer.

- Alisa Allen, Founder/President

ANNUAL VOLUME OF WORK

A3E's annual volume of work in 2026 is estimated at \$1.2M

CURRENT CAPACITY

A3E's team maintains the operational flexibility and resources necessary to support this project from kickoff to completion. Currently, both our senior leadership and field-level staff maintain approximately 30% (senior) to 50% (field) available capacity per week dedicated to new project commitments. This capacity means their team will give your scope items prioritization and adhere to all target timelines.

LITIGATION

A3 Environmental, LLC has no existing suits, claims, or pending judgments.

WSP

FIRM DESCRIPTION

WSP USA is one of the world's leading professional services firms, uniting its engineering, advisory and science-based expertise to shape communities. In the US, they have 20,000 professionals pioneer solutions and deliver innovative projects across multiple market sectors. They offer the specialized expertise of a niche consultant backed by the resources of a large firm.

YEARS IN BUSINESS

WSP has been in business for 93 years.

COMPANY OFFICERS

WSP is made up of 56 company officers in the US, including 8 VP's in the water sector.

- John Trotta, Senior VP
- Jacob Borchers, Assistant VP
- David Church, Assistant VP
- Scott Cogaan, Assistant VP
- Stephen Gage, Assistant VP
- Jared Love, Assistant VP
- Robert Rohlf, Assistant VP
- M. Kim Smith, Assistant VP

ANNUAL VOLUME OF WORK

WSP's annual volume of work is approximately \$40M.

CURRENT CAPACITY

WSP's proposed staff has 75% availability for this project.

LITIGATION

From time to time in the ordinary course of business, WSP USA Inc. is subject to various legal proceedings, including litigation to recover damages, commensurate in nature and volume to firms of its size in the same industry. WSP has no pending litigation or claims that would impact WSP's ability to perform under this contract. WSP has no pending judgments to disclose.

CARDINAL STATE CONSTRUCTION

FIRM DESCRIPTION

Cardinal State focuses on constructing traditional and ecological landscapes that enhance the urban environment both functionally and aesthetically. Their projects include ornamental landscape and hardscape installation, stream and shoreline restoration and stabilization, ecological restoration and stewardship, and green infrastructure installation.

YEARS IN BUSINESS

Cardinal State has been in business for 14 years.

COMPANY OFFICERS

Cardinal State is made up of six company officers.

- Roger Wiese, President
- Jason Siegler, Ops Manager
- Colin Rich, Estimator
- Andrew Writz, Project Manager
- Jennifer Ellman, Assistant PM
- Amanda Smelser, Controller

ANNUAL VOLUME OF WORK

Cardinal State's annual volume of work for stream stabilization and restoration, erosion control, native landscape construction, maintenance, and monitoring is 75% or \$7.86M.

CURRENT CAPACITY

Cardinal State has one superintendent, six foreman, seven operators, and 20 plantsman/laborers available.

LITIGATION

Cardinal State, LLC is not a part of any ongoing litigation.

02 | SERVICES

TEAM DESIGN SERVICES

Farnsworth Group's water resources team protects infrastructure from erosion through designs that provide societal and ecological benefits. We are committed to the future of water resources through sustainable design, surface water analysis, and traditional stormwater design. We provide flood relief in urban settings by modifying existing infrastructure through traditional methods (gray infrastructure) and multi-functional methods (green infrastructure). Our team has completed many projects and stormwater improvements in urban environments to mitigate flooding and erosion issues that impact homes and infrastructure. For the Village's project, our services include the following.

Stream Erosion Design

We have experience protecting and mitigating erosion within streams and gullies. Our water resources team understands the nuances of erodible soils, steep slopes, wooded landscapes, and high flows from an urban landscape. While each location has its own challenges, controlling the hydrology, using native vegetation, stabilizing the area with stream structures like J-hooks and Cross vane weirs, and tailoring the design to fit the surrounding landscape and associated access restrictions are all tools we use regularly to protect these landforms and the infrastructure within and adjacent to them.

FEQ Modeling

WSP provides specialized FEQ hydraulic modeling services to support stream restoration, channel stabilization, infrastructure, and floodway development projects throughout Illinois. Their team has extensive experience utilizing regulatory FEQ models to evaluate floodway and floodplain impacts and demonstrate compliance with IDNR Office of Water Resources and local permitting requirements. Their services include review and validation of existing hydraulic models, development of proposed conditions analyses, evaluation of impacts to water surface elevations, velocities, discharge, and effective conveyance, and preparation of technical documentation to support permit approvals. They also provide agency coordination and technical support throughout the review process.

Ecological Design

A3E is a woman-owned consulting firm specializing in ecological preservation, restoration, assessment, planning, design, and mitigation, with a focus on natural areas, wetlands, and waterways. Their work supports both rural and urban environments, from stream and river corridors to drainage systems, wetlands, parks, and neighborhoods, enhancing ecosystem health and improving water quality in lakes and streams. The ecological services A3E brings to the team include wetland and stream mitigation and permitting, erosion control and SWPPP inspections, green infrastructure design, vegetation surveys, and ecological restoration.

CONSTRUCTION SERVICES

Cardinal State provides ecologically and economically driven solutions while delivering a high level of quality to clients in a timely manner. Their staff of professionals includes managers, ecologists, arborists, plantsmen, and equipment operators who are licensed and certified to perform the necessary tasks to achieve successful landscape enhancement projects. They pride themselves in forming positive, mutually beneficial relationships with their clients in order to meet project goals and build a sustainable future. Their construction services include:

- + Streambank / In Stream Stabilization
- + Landscape Construction
- + Ecological Restoration
- + Erosion Control Installation and Management
- + Large Scale Tree and Vegetation Planting
- + Topsoil and Engineered Soil Installation
- + Excavation / Mass and Fine Grading
- + Native Seed Installation and Establishment
- + Native Plug Installation, Establishment, Maintenance
- + Prescribed Burning

Applicable Equipment List

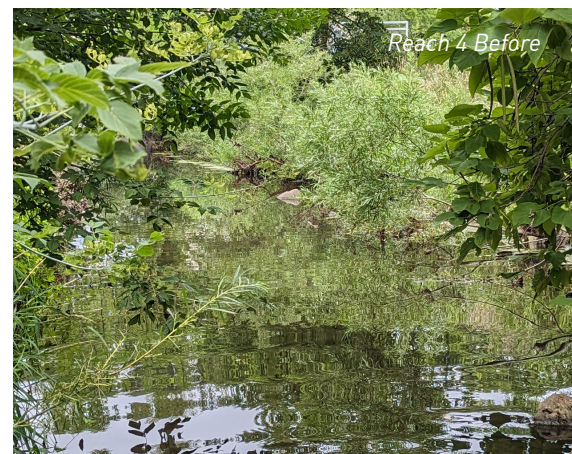
Cardinal State's equipment list includes skid steer, excavator, trencher, hydro mulcher, and UTV.

Construction Administration and Observation

Farnsworth staff and A3E staff will be on-site during construction to ensure stream structures are installed correctly, vegetation is removed as designed, and the site progresses as intended.

03 | SIMILAR PROJECT EXPERIENCE

Project examples for our team start on the following page.



Prentiss Creek Streambank Stabilization Concept Design

Farnsworth Group led a stream restoration effort along Prentiss Creek to address erosion, improve water quality, and reduce sediment impacts to riffle habitats. The corridor was evaluated and divided into four reaches based on hydrology and existing site conditions.

In the uppermost reach (Reach 1), a wide flat wetland was designed throughout the reach with soil restoration and native plantings. This reach will serve as a filter for surface water and encourage infiltration.

Reach 2 begins to see more flow during rain events, so it is designed with a defined channel with riffles and pools for aquatic habitat and variation of flows. Native plantings in this reach will help filter water and provide an aesthetically pleasing backdrop for the residential neighborhood.

Reach 3 is the most degraded section of Prentiss Creek, experiencing severe erosion from storm sewer discharges, high flows, and a confined stream corridor. Restoration measures include plunge pools, toe wood structures, cross vane weirs, J-hooks, bankfull benches, native plantings, and erosion control blankets to stabilize banks, improve habitat, and manage stream flow

Reach 4 is a wide, low-gradient section of Prentiss Creek affected by heavy sedimentation. Farnsworth Group designed a series of riffles, pools, and glides to restore stream diversity and function, complemented by native bank plantings. The conceptual plan supported applications for IEPA Section 319 and Green Infrastructure grants.

LOCATION /
Downers Grove,
IL

CLIENT /
Village of
Downers Grove

SCALE /
3,900 FT

COMPLETION /
2024

COST /
NA

SERVICES /
Stormwater
Management

Stream
Restoration

Native
Landscaping

Green
Infrastructure

Hydraulic
Modeling

Civil

CLIENT REFERENCE /

Julie Lomax
Stormwater Administrator
Village of Downers Grove
630.493.8821
jlomax@downers.us



Sinnissippi Park and Riverfront Erosion Control

Farnsworth Group was chosen to address Rockford Park District's erosion and sedimentation problems in Sinnissippi Park. Along with four subconsultants, Farnsworth Group designed solutions to an eroding ravine system, a surcharging storm sewer system within a manicured garden, and an eroding shoreline along the Rock River.

For the eroding ravine system, we designed scour pools at the upstream end of the main channel and both tributaries to dissipate energy. Several cross-vane weirs were designed in series to stabilize the banks and direct the force of the water into the center of the channel. An infiltration basin at the downstream end of the ravine system will slow the discharge, reduce the volume of water through infiltration, and settle sediment from

the water column before it enters the closed system. The riparian corridor will have vegetation removed and replaced with native vegetation to stabilize the banks.

The surcharging storm sewer system is downstream of the ravine system and will be mitigated by the proposed infiltration basin upstream to reduce the volume, slow the flow, and reduce sediment within the piped system.

The shoreline of the Rock River was being eroded by overland flow forming rivulets through the bank to the River. A trench drain was installed on the River side of the existing walking trail to intercept the water before it runs down the bank.

LOCATION /
Rockford, IL

CLIENT /
Rockford Park District

SCALE /
1,800 LF (*ravine*)
500 LF (*shoreline*)
COMPLETION /
June 2023

COST /
\$800,000

SERVICES /
Stormwater Management

Ravine Stabilization

Civil

Shoreline Protection

CLIENT REFERENCE /

Joni Denker
Conservation Supervisor
Rockford Park District
815.987.8800
jonidenker@rockfordparkdistrict.org



North Branch Phase D Boneyard Creek Improvements

Farnsworth Group, along with several subconsultants, designed the Boneyard Creek North Branch Improvements Phase D. The primary objective of the project is to provide protection to the City of Champaign from the 1% annual chance storm event (100 year) along the Boneyard Creek from Bradley Avenue upstream to the diversion structure at Neil Street. Secondary goals of the project include creating a healthy stream environment, developing a community amenity in the creek and surrounding floodplain area, supporting economic development, and maintaining and improving traffic circulation.

The project team achieved the objectives by designing a channel cross section that provides a channel bankfull bench for flooding, meandering channel alignment to

slow velocities, native vegetation to hold banks in place and promote infiltration and ecological habitat, creating a linear wetland and an adjacent wetland basin for flood control and habitat, creating a wet stormwater basin to mitigate storm runoff, and constructing a multi-use 10' trail alongside the creek for residents to connect to nature and be connected to downtown and campustown.

The project also required an Army Corps of Engineers permit and coordination with the Illinois Department of Natural Resources. A LOMR to update the FEMA floodplain map is also currently being conducted for this project.

LOCATION /
Champaign, IL

CLIENT /
City of
Champaign

SCALE /
970 LF
stream channel

COMPLETION /
2024

COST /
\$8.3M

SERVICES /
Civil
Landscape
Architecture
Electrical
Structural
Ecological
Restoration
Floodplain
Management
Permitting

CLIENT REFERENCE /

Eleanor Williams
Retired Assistant City Engineer
City of Champaign
217.377.73.49 (cell)
eleanorwilliams111@gmail.com



Candlewick Lake Green Infrastructure and Watershed Plan

Poplar Grove, Illinois

A3 Environmental Consultants, formerly known as Olson Ecological Solutions, has collaborated with the Candlewick Lake Association and their Watershed Committee to improve water quality for Candlewick Lake. The work of A3E started at the source of runoff and pollution within the watershed and ends in the receiving streams and lake within the Association property. Within the watershed A3E's plan outlines how to reach community-driven goals to prevent pollution from entering the lake system during storms. Within the Candlewick Lake community, pollution-filtering green infrastructure designed by A3E include bioswales, stormwater wetlands, floating treatment wetlands, filter strips, & a rain garden.

A3E spearheaded efforts to establish naturalized stormwater treatment systems, beginning with facilitating community direction for a comprehensive watershed plan. To support this initiative, A3E designed concept plans and vegetation specifications for several critical installations.

To fund these initiatives, A3E secured 60% of project costs through three separate EPA Section 319 Nonpoint Source Pollution Control grants, funding the watershed plan, the bioswale project, and the West Tributary Biofiltration Project. On behalf of the Watershed Committee and Board of Directors, A3E submitted a fourth Illinois EPA grant application in 2024 to integrate a new sediment basin into the existing treatment train.

Throughout these multi-year contracts, A3E provided comprehensive project management, coordinating diverse contractors and stakeholders, managing agency reporting, and organizing volunteer groups to install native plantings.

A3E provided project management of multi-year grant contracts including project coordination of multiple contractors and partners and reporting project progress to the partners and grant agency. A3E worked with volunteer groups in effort to install bioswales, shoreline filter strips, and floating islands with native plantings.



CLIENT: Candlewick Lane Association

PROJECT DURATION: 2012 - Present

SERVICES: Project Management; Watershed Plan; Native Planting Design; Construction Oversight; Floating Wetlands Installation; Grant Writing and Administration; Wetland Delineation; Floristic Quality Assessment; Permitting

WARRENVILLE ROAD

DuPage County, Illinois

Warrenville Road over the DuPage River is a county highway crossing requiring replacement or reconstruction of the existing structure and approach pavements to meet current and future operational needs. WSP is preparing a Phase I project development report and Phase II plans, specifications, and estimates for improvements that will reconstruct the bridge and approaches to accommodate a five-lane cross section. Phase I includes verification of existing conditions, data collection and survey, alternatives evaluation and benefit-cost analysis, stakeholder coordination, and development of a recommended improvement. Alternatives are being evaluated based on safety, geometry, right-of-way, hydraulic performance, constructability, traffic maintenance, lifecycle cost, and community impacts, with coordination among stakeholders.

Following selection of the preferred alternative, Phase II includes detailed structural and roadway design and preparation of a complete, biddable PS&E package. The work includes geotechnical investigations, hydraulic and drainage studies, foundation and scour evaluations, roadway alignment and profile development, accessibility and safety improvements, permitting, preparation of plats and legal descriptions, and land acquisition support. WSP is also coordinating utility impacts, local access, property owner needs, and regulatory requirements throughout design. Collectively, these services provide DuPage County with a construction-ready design for an upgraded five-lane DuPage River crossing that improves safety, capacity, and reliability while addressing structural, hydraulic, geotechnical, drainage, traffic, and right-of-way considerations.



CLIENT: DuPage County Department of Transportation

Diversion Channel of Midlothian Creek Robins, Illinois

Relevant Scope of Work:

Salvaged Limestone Stone Armoring at Waterline and Steep Slopes, Stone Armoring at Waterline, Water Infiltration Areas, Stone Prospects, Rip Rap Toe and Rip Rap Channel Bottom Installation, Topsoil (21,000 CY), Native Seed Installation (3.5 Acres) and three (3) Years of Native Landscape Maintenance, Prescribed Burn, Perimeter Erosion Control, Temporary Erosion Control Seeding with Hydro mulch, Turf Seed Installation and Maintenance, Tree Installation

CLIENT: Metropolitan Water Reclamation District of Greater Chicago

COMPLETION: 2026

SERVICES: Construction



Natalie Creek Flood Control Midlothian and Oak Forest, Illinois

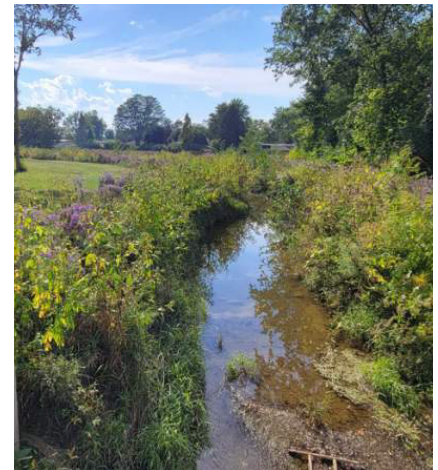
Relevant Scope of Work:

Streambank restoration on Natalie Creek. Work includes reshaping and restoring two-miles of stream bank. Work includes installation of 135,000 Native plant plugs, Native Seeding with Erosion control blanket and GeoGrid streambank reinforcement, Soil Lifts, Rock Boulder Toe Installation, Coir Log Installation, Herbivory Protection, and Native prairie establishment.

CLIENT: Metropolitan Water Reclamation District of Greater Chicago

COMPLETION: 2026

SERVICES: Construction



Calumet Union Streambank Stabilization Markham, Illinois

Relevant Scope of Work:

Streambank stabilization and restoration on Calumet Union Drainage Ditch. Work includes Soil Lift installation, instream rock structure and streambank rock armoring installation, native seed and erosion control blanket installation, native plug installation (4,300), and natural areas management and monitoring for three years.

CLIENT: Metropolitan Water Reclamation District of Greater Chicago

COMPLETION: 2026

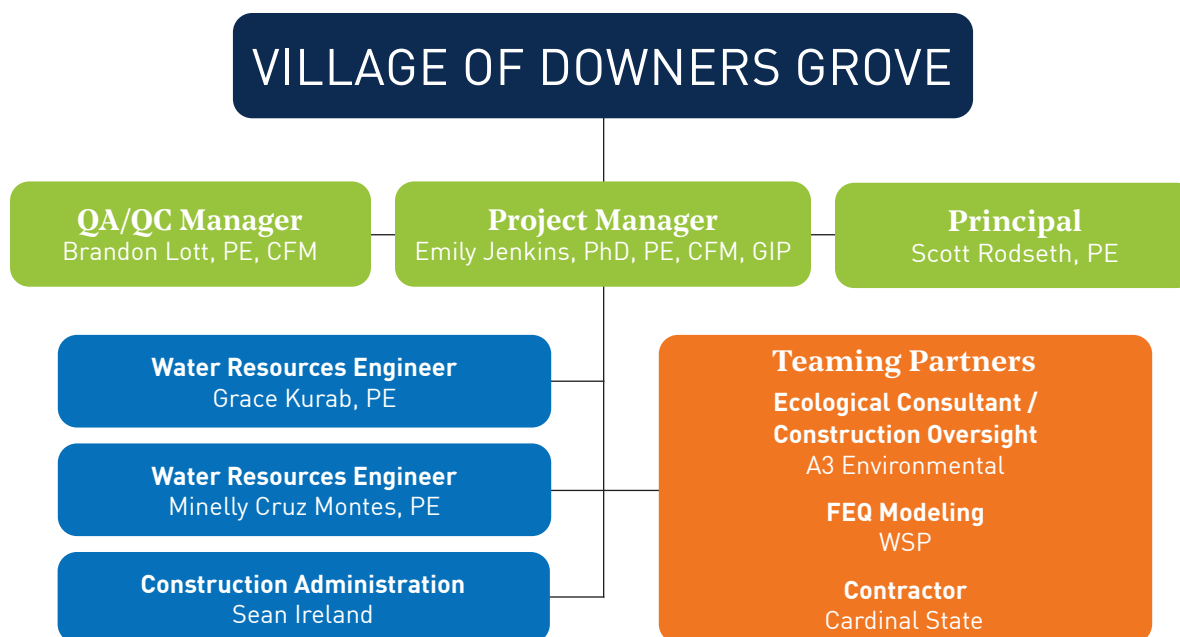
SERVICES: Construction



04 | PROPOSED PROJECT TEAM

ORGANIZATIONAL CHART

Farnsworth Group proposes the following team members to serve the Village of Downers Grove. As a full-service architecture and engineering firm, Farnsworth Group will provide design services and work closely with Cardinal State Construction under the design-build delivery approach. WSP will provide FEQ modeling services, and A3 Environmental Consultants will support ecological consulting and construction oversight. This team structure provides cost-effective, high-quality services, with each task supported by experienced specialists and additional key personnel as needed. Due to the proposal page limit, resumes have been provided for key staff members only; additional resumes are available upon request.



Emily Jenkins, PhD, PE, CFM, GIP
WATER RESOURCES ENGINEER

EDUCATION /

PhD, Agricultural and Biological Engineering, University of Illinois

MS, Ecological Engineering, University of Maryland

BS, Civil Engineering, University of Illinois

REGISTRATION AND CERTIFICATIONS /

Professional Engineer: Illinois and three other states

Certified Floodplain Manager

Green Infrastructure Practitioner

Emily has 20 years of experience in stormwater and ecological engineering. She specializes in sustainable and ecological design; stormwater infrastructure design; and surface water modeling and mapping, such as floodplain modeling for FEMA revisions and master planning. Her work involves the preparation of design reports, plans, specifications, and contract documents.

Prentiss Creek Streambank Stabilization Concept Design
Downers Grove, Illinois

Danville Ravine Stabilizations
Danville, Illinois

North Branch Boneyard Creek Improvements
Champaign, Illinois

Sinnissippi Park and Riverfront Erosion Control
Rockford, Illinois

Copper Slough Stream Restoration
Champaign, Illinois

Judge Webber Park Stream Stabilization
Urbana, Illinois



Grace Kurcab, PE

WATER RESOURCES ENGINEER

EDUCATION /

BS, Agricultural and Biological Engineering, University of Illinois at Urbana-Champaign

REGISTRATION AND CERTIFICATIONS /

Professional Engineer: Illinois

Grace has eight years of experience in a variety of water and wastewater projects including hydrologic and hydraulic modeling studies, pump stations, force mains, drinking water wells, elevated storage tanks, and chemical feed systems. She has experience with projects during all phase of work including planning, study, design, permitting, bidding, and construction.

Prentiss Creek Streambank Stabilization Concept Design

Downers Grove, Illinois

Sinnissippi Park and Riverfront Erosion Control

Rockford, Illinois

North Branch Boneyard Creek Improvements

Champaign, Illinois

Village Stormwater Master Plan

Savoy, Illinois



Minelly Cruz Montes, PE

WATER RESOURCES ENGINEER

EDUCATION /

MS, Environmental Engineering and Science, University of Illinois Urbana-Champaign

BS, Civil Engineering, University of Puerto Rico

REGISTRATION AND CERTIFICATIONS /

Professional Engineer: Illinois and Puerto Rico

Minelly is a collaborative and client-focused engineering leader with 13 years of experience in water resources and civil, environmental, and municipal engineering. An elite performer in high-pressure environments and complex, multidisciplinary projects, she brings a unique perspective shaped by both municipal and consulting experience. Her work reflects a strong commitment to improving community quality of life through innovative, practical solutions.

Flood Control on Calumet-Sag Tributary C

Crestwood and Midlothian, Illinois

Village of Savoy MS4 Permit

Savoy, Illinois

Yates Avenue Detention Basin Expansion

Calumet City, Illinois

Lake County MS4 Program

Lake County, Illinois



Sean Ireland

CONSTRUCTION ADMINISTRATION

EDUCATION /

BS, Civil Engineering, Bradley University

Sean has eight years of experience in site / civil engineering, with a focus on site planning and conceptualization for clients (primarily for residential developments), supervised site design, and municipal zoning and planning permitting. Sean's responsibilities include on-site construction inspection, project coordination, site design, permitting, and drafting. His previous experience in estimating with a general contracting firm provides valuable perspective to his design duties.

Public Works Site Improvements

Calumet City, Illinois

Downtown Streetscape

Clinton, Illinois

Miscellaneous Engineering Services

Calumet City, Illinois

Firemen's Park Phase II Improvements

Monee, Illinois



REBECCA OLSON, MS

Senior Ecologist

Rebecca specializes in wetlands and water quality of streams and lakes in the Upper Midwest Region and focuses on high quality native remnants and restored natural areas. The projects provide wetlands and natural storm water filters in rural and developed settings like river corridors, drainage systems, wetlands, parks, and neighborhoods.

Education

MS, Wildlife Biology/Ecology, Colorado State University

BA, Biology, Chemistry Minor, Denison University

Experience

- + Wetland and Stream Restoration, Mitigation, and Permitting
- + Wetland Delineation, Permitting, T&E Habitat Surveys
- + Stormwater Infiltration and Filtration Planning and Design
- + Bioremediation of Lakes and Ponds



ALDEN O'CONNOR

Associate Ecologist and Land Protection Associate

Alden is an ecologist and crew leader with more than four years of experience in ecological consulting, encompassing field work, reporting and project management for a wide variety of projects. He leads restoration crews who support efforts to care for public open spaces, wetland mitigation sites, and natural areas in and around the Chicagoland Region.

Education

BA, Environmental Studies, Lake Forest College

Experience

- + Ecological Restoration Crew Leader
- + Watershed Plans and Inventories
- + Aquatic Resources Delineation
- + Grant Writing
- + Wetland and Waterway Permit Writing
- + Construction Oversight for Wetland Restoration and Green Infrastructure

RENSI PIPALIA, EIT

Drainage Engineer

Rensi is a water resources engineer with a focus on hydrologic and hydraulic modeling, floodplain and floodway evaluation, detention and compensatory storage design, and drainage-system design. She has hands-on experience modifying and troubleshooting complex FEQ models, building HEC-RAS and TR-20 analyses, and translating model results into practical design recommendations and clear regulatory documentation.

Experience

Oak Brook Lakes Master Plan FEQ Analysis
DuPage County, Illinois

Borse Memorial Park Pedestrian Bridge FEQ Analysis
Willowbrook, Illinois

Wheaton College East Campus Redevelopment FEQ Analysis
Wheaton, Illinois

Indian Creek Road Culvert Replacement
Hawthorn Woods, Illinois

Black Patridge Creek Watershed TR-20 Hydrologic Analysis
Will County, Illinois

Wilton Center Substation Expansion Drainage Design and Permitting
Will County, Illinois



Education

MS, Hydrology and Hydraulics, Civil Engineering, Purdue University

B.Tech, Civil Engineering, IIT Gandhinagar

NABIL GHALAYINI, PE, CFM

Senior Technical Principal

Nabil is a subject-matter expert in surface hydrology, open-channel and bridge hydraulics, and advanced hydraulic/hydrodynamic modeling. He has extensive experience in flood hazard identification/mapping, watershed planning, and stormwater/floodplain management across transportation, site development, energy, and FEMA Risk MAP.

Experience

I-69 Section 6.3 White River Streambank Stabilization
Indianapolis, Indiana

Crooked Creek Stream Restoration
Indianapolis, Indiana

Pleasant Run Online Flood Storage Investigation
Indianapolis, Indiana

I-74 over Conns Creek H/H Modeling
Will County, Illinois

Flood Hazard Identification and Mapping Hydraulic Analysis
Various Counties, Indiana

SR 28 over Buck Creek H/H Modeling
Tipton County, Indiana



Education

MS, Civil and Environmental Engineering, Stanford University

BS, Civil Engineering, Bradley University



1719 Spring Creek Rd | Barrington Hills | Illinois, 60010
Phone 630.320.9257 | Fax 630.326.8142 | www.cardinalstatellc.com

Joshua Kattner | Project Manager

Education

BS, Environmental Science, Sociology Minor, Iowa State University

Mr. Kattner manages various projects including landscape construction, native restoration, streambank stabilization, invasive species control, and natural areas maintenance. He is responsible for the production of projects from pre-construction to completion including managing scheduling, ordering materials, billing, communicating with contractors, tracking budget, and site reports.

Certifications

Hazwoper 40, OSHA

Class A Commercial Drivers License, IDOT Construction

Quality Manager, USACE Illinois Pesticide Applicator, DOA

S-130 Firefighter Training (Wildland)

S-190 Introduction to Wildland Fire Behavior

Jason Siegler | Operations Manager

Education

BS, Biology, Illinois State University

Mr. Siegler manages projects from contract to close-out. He schedules projects for completions and coordinates production and maintenance crews. He also performs consulting work for ecological restoration, plant health assessments, native habitat assessments, and native landscape design. Jason coordinates all warranty obligations for the production department. Additional responsibilities included purchasing and procurement of hardscapes, nursery stock, and chemical.

Certifications

Lead Plantsman - International Union of Operating Engineers

NWCG S290 Wildland Firefighter Training

Certified Prescribed Burn Manager (CPBM)

Reasonable Suspicion Training

USACE Construction Quality Management for Contractors

Ismael Espinoza | Superintendent

Mr. Espinoza coordinates day-to-day operations of assigned crews and managing the quality of work performed at assigned sites. He is responsible for crew training and quality assurance. He ensures projects are installed within the project requirements or restrictions provided within construction plans or specifications. Ismael also coordinates with management staff for the proper delivery of project materials, subcontractors, and equipment.

Certifications

Leadman Operator - International Union of Operating Engineers

Local 150, AFL-CIO OSHA 30-Hour Safety Course

OSHA Green Roof Safety Certified (Fall Protection, Cranes, and Rigging)

NWCG S130/S190 Basic Wildland Firefighter Training

Andrew Wirtz | Certified Arborist

Education

BS, Botany, Economic Minor, Western Illinois University

Mr. Wirtz has more than 15 years of experience, specializing in landscape construction, ecological restoration, site development, and project management. His expertise includes grading, erosion control, heavy equipment operations, native plant establishment, and construction logistics, while his leadership experience has enabled him to develop efficient workflows, mentor field personnel, and deliver projects safely, on schedule, and within budget.

Certifications

Hemp Breeding, Genetics, Gene Editing Certification, Cornell University

Nursery Management Certification, College of DuPage

Landscape Design Certification, College of DuPage

Dynascope Certification, College of DuPage

Blueprint and Drafting Certification, College of DuPage

05 | PROPOSAL

PROJECT UNDERSTANDING / APPROACH

The Prentiss Creek Streambank Stabilization project is located along a 4,000 linear foot section of Prentiss Creek, between 67th Street and Prentiss Drive in the Village of Downers Grove. Our approach divides the creek into four reaches based on similar geomorphic conditions and proposed stormwater quality improvement strategies.

Farnsworth Group previously provided engineering services for conceptual plans and grant funding applications. For the final design and construction phase, our team will advance the project to reach-specific final design, permitting, and construction support. Our proposed team includes Cardinal State as the general contractor, with A3 Environmental Consultants and WSP as subconsultants.

This work will require an understanding of the hydrology, hydraulics, topography, and geomorphic conditions of each reach. Topographic data will be used to evaluate channel slopes, pool/riffle sequences, bankfull bench features, and bank slope steepness. Hydrologic and hydraulic analyses will guide the design of stream restoration, stabilization, and habitat improvements. Our approach will be based on site observations, analysis of collected data, and previous conceptual design discussions with the Village.

Because the project will use a design-build delivery method, our team will coordinate with Cardinal State and the Village to support clear design documents, efficient construction, early issue resolution, and successful project delivery.

The following approach begins with reach-specific restoration strategies, then outlines the permitting, construction support, deliverables, and additional community value our team will provide through final design and implementation.

REACH 1

67th Street to Terrace Drive

Understanding

This reach receives limited stormwater inflow, with most flow bypassing the channel through a large sewer. Wetland vegetation is present, as well as invasive species. The reach is highly overgrown with invasive shrub species, and several mud flats exist in the bottom of the channel due a lack of sunlight. The reach is stable and does not appear to be contributing to sedimentation problems downstream.

Approach

Restoring Reach 1 depends upon replacing existing vegetation with native wetland species by:

- + Removing all vegetation from reach and saving select trees to allow sunlight in;
- + Grading a flat-bottom wetland swale within stream corridor, and;
- + Planting native wetland vegetation throughout corridor.

We intend to create an enhanced wetland that filters stormwater, infiltrates runoff, and provides habitat for birds and insects that feed on mosquitoes. The flat bottom will encourage flows to meander through dense vegetation, which will also slow high flows and provide storage within the reach.



Reach 1 view of stream with thick canopy layer.

REACH 2**Terrance Drive to Springside Avenue****Understanding**

In Reach 2, a small channel has formed in the stream valley, the bed of which is a mixture of silt and small gravel. The stream is ephemeral, with the primary hydrology of the reach coming from surface drainage and one storm sewer section on Bolson Drive. The majority of the surrounding area enters the storm sewer system, feeding the 60" RCP underground adjacent to the streambed.

This reach shows a slight riffle/pool pattern. The vegetation, however, is very dense invasive shrubs, allowing for no sunlight to provide ground cover and no preferable habitat for dragonflies, pollinators, or birds. The combination of infrequent flows and poor native habitat encourages stagnant water and mosquito breeding. Bank slopes are stable but are 50% bare soil due to the dense canopy cover, giving the potential for erosion.



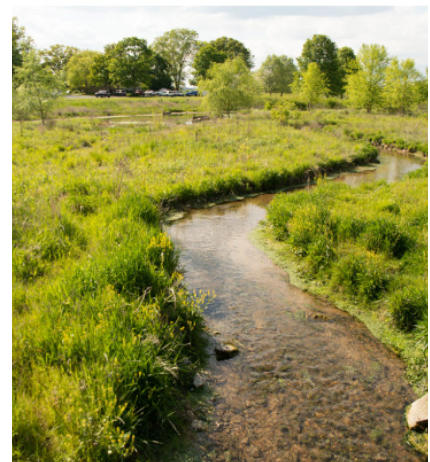
Small channel in Reach 2 with a heavy canopy layer and little ground cover.

Approach

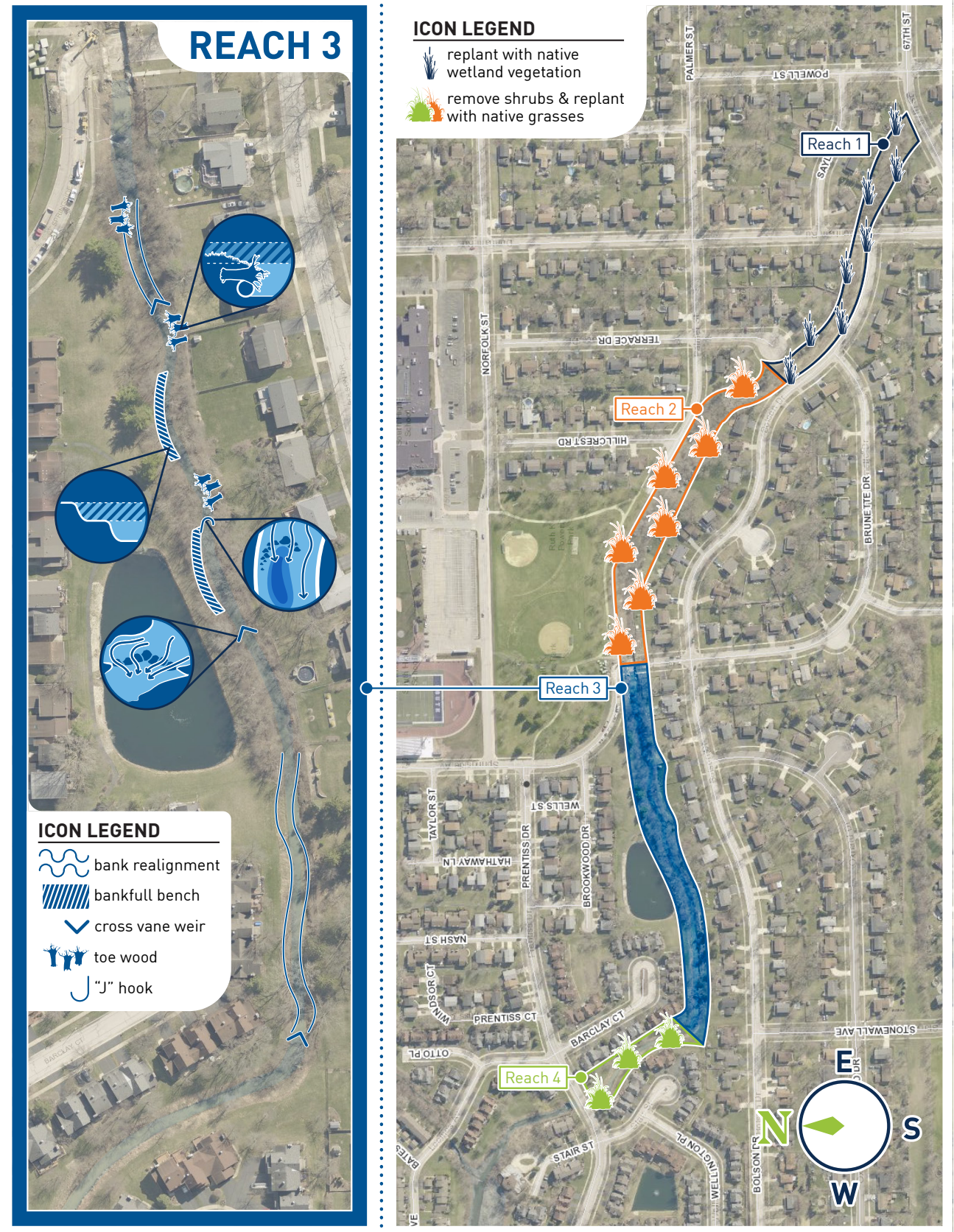
Restoring Reach 2 depends upon replacing existing vegetation with native wetland species by:

- + Removing most vegetation from the reach to allow sunlight in;
- + Planting native vegetation (grasses, forbs) to stabilize banks, slow water, provide habitat;
- + Accentuating riffle/pool sequence within reach through grading and the placement of rock check dams,
 - + Creating distinct pools, glides, runs, and riffles throughout the stream profile can add variety of habitat to the stream, as well as provide stability;
- + Using small gravels in bottom of defined channel through the reach.

The vegetation is key to this reach for filtration, infiltration, and stability. The upgrades to the channel vertical geometry will increase diversity in the stream corridor.



Stream restoration using native plantings by Emily Jenkins at previous firm.



REACH 3

Springside Avenue to Channel Bend at Stonewall Avenue

Understanding

Reach 3 requires the most attention. Two 60" inch storm sewer outfalls near Springside Avenue contribute flow to the reach, which experiences high velocities during rain events.

The main issue in this reach is that it exhibits extensive erosion. Past stabilization efforts are visible and show a history of erosion within the reach. The banks are characterized by concrete ajacks lining the toe of the banks throughout the reach, large soil bags comprising the outer banks of each bend, plastic netting on bank slopes, and concrete bunkers. Large slumps of streambanks have washed away beneath the bank netting, large trees and shrubs are growing through the soil bags, and scour is occurring near two storm outfalls. There is considerable evidence of bank erosion within this reach.

Additionally, vegetation is overgrown and dominated by invasive species. This limits sunlight from reaching the ground, leaving bare soil that can erode easily. Several debris jams through this area bring a positive aspect to the reach by providing beneficial food and habitat for aquatic life in the stream.

The stream bed consists of gravel and small cobbles, with sedimentation occurring in several areas. Existing pools, riffles, gravel bars, and bankfull bench areas suggest that bank erosion, rather than channel-bed degradation, is the primary concern.

Finally, a low head concrete dam exists at the end of this reach, just upstream of the 42" RCP at the stream bend. Scour around the north side indicates that the dam is not providing channel stability in this area.



Left: Reach 3 plastic netting as lost soil from behind the netting and the bank shows erosion above the netting. Sediment has accumulated at the bottom of the channel slope. **Right:** Reach 3 soil bags along outer bend of channel with concrete ajacks toe.

Approach

Reach 3 requires bank stabilization through a multi-faceted approach, in addition to upstream water quality considerations, including:

- + Removing vegetation (shrubs and select trees) to allow native grasses and forbs to grow and stabilize the banks;
- + Removing all plastic netting, soil bags, and concrete ajacks from reach;
- + Removing low-head dam and replacing it with a cross vane weir to hold grade and protect outer bank at channel bend;
- + Installing toe wood on outer bends to reduce velocities hitting the bank and hold streambank soil;



↑ J-hook structure under high flows after a stabilization project in Urbana, Illinois.

- + Addressing channel geometry:
 - + Adding sinuosity by pushing stream to the north to create better outer bends,
 - + Accentuating the riffle/pool sequence,
 - + Extending bankfull bench features,
- + Installing J-hooks and cross vane weirs with boulders to direct flow away from banks and into the center of the channel;
- + Planting native riparian buffer, taking advantage of the deep root structures of native prairie and wetland species to hold the streambanks in place

The majority of the project is within Reach 3. Stabilizing this reach with native vegetation and stream structures to prevent erosion in a sustainable, long-term manner is the key to this reach's restoration.



↑ Cross vane weir on the Phinney Branch in Champaign, Illinois.



Reach 3 does have cobble bars and riffles (left) and low head dam at downstream end of the reach (right).

REACH 4

Channel Bend at Stonewall Avenue to Prentiss Drive

Understanding

In Reach 4 the stream opens to a wide, shallow channel, slightly entrenched, with no point bars or bankfull bench. Although this reach has pools, long runs connect the shallow pools, not riffles. The stream is fed by several large storm sewers and groundwater, providing permanent flows throughout the year. The vegetation thins in this reach, characterized by an appropriate mix of riparian species several feet wide on both banks. The banks are tall and somewhat steep, yet mostly stable.



Typical view of Reach 4. The stream opens up with a healthy riparian buffer and a few trees to provide shade. Channel is overwide with no riffles.

The stream bed is comprised of gravels and cobbles, but a layer of sediment has settled over-top of the bed, smothering the interstitial voids between cobbles and detracting from the spawning habitat of fish and the hiding areas of macroinvertebrates. The sediment produced in Reach 3 is settling out in Reach 4, impacting the water quality of the reach. There is also a plethora of algae on the cobbles, pointing to a quality issue with the water feeding the stream.

Approach

Improving stream geometry is the key to restoring Reach 4 by:

- + Creating riffle/pool profile. Varying the slopes of the channel bed to vary stream velocities;
- + Altering cross section of channel to include bankfull benches and opportunities for point bars to form;
- + Using boulders to provide habitat and stability to areas of the reach; and
- + Enhancing riparian buffer with more natives and a wider buffer when possible.

This type of stream (Stream Type C) is generally characterized by large meanders. Because of the narrow corridor of the Village's property, the stream geometry will be altered within the channel valley to design a "stream within a stream." The variation in velocities will keep riffles free from sedimentation.

In general, since Reaches 1-3 will depend upon vegetation removal, management, and new plantings, Farnsworth Group has partnered with A3 Environmental Consultants to advise on the best schedule to remove the existing vegetation and a management and maintenance schedule for allowing the new native species to thrive, grow, and become established.

Once each reach-specific design approach is advanced, our team will support the permitting process needed to move the project into construction.

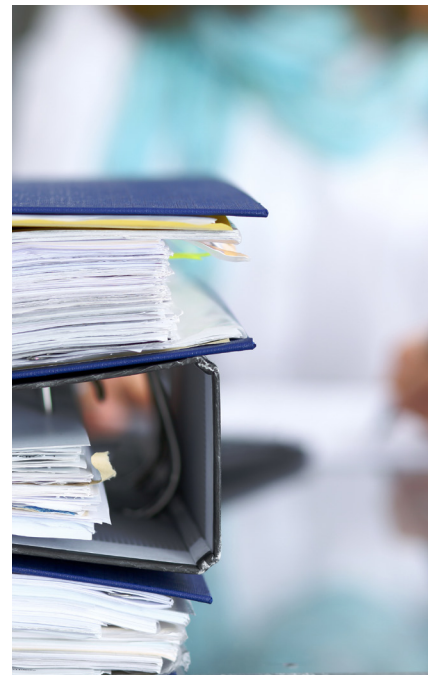
PERMITTING AND REGULATORY COORDINATION

Our team will support the permitting process required to implement the proposed stream restoration improvements. This will include preparing permit applications, coordinating with review agencies, and responding to agency comments. Anticipated permits include:

- + US Army Corps of Engineers Letter of Permission: Coordination and preparation of the permit application. If required, an alternatives analysis will be completed in accordance with Section 404(b)(1) Guidelines.
- + Illinois Department of Natural Resources Office of Water Resources: Preparation and submittal of floodway analyses, including existing and proposed FEQ models, to demonstrate no increase in flood elevations. Review is anticipated to be delegated to DuPage County.
- + Illinois Environmental Protection Agency General NPDES Permit for Construction Activities: Preparation of the Notice of Intent, Storm Water Pollution Prevention Plan, EcoCAT coordination, and supporting documentation.
- + DuPage County Stormwater Permit: Preparation and submittal of the permit application and supporting hydraulic analyses.



↑ Wetland plantings designed by A3 Environmental.



CONSTRUCTION SERVICES

Following final design and permitting, our team will provide construction administration services to support successful implementation of the proposed improvements.

Services will include attending a preconstruction meeting, providing construction staking, reviewing submittals and shop drawings, processing pay requests, documenting construction quantities, and completing regular site observations during construction. An ecological specialist will provide site oversight during planting activities, as needed. After construction is complete, the team will participate in a final walkthrough with the Village and Contractor. Post construction services will include two monitoring events during the first growing season to evaluate site performance, document compliance with project performance standards, and provide adaptive management recommendations.

Deliverables

Key deliverables are summarized below and correspond to the design, permitting, construction, and monitoring services described above.

- + Construction documents, including plans and specs
- + Monitoring and maintenance plan
- + Copies of permit applications
- + Permit responses and Letter of Permission
- + Construction documentation upon request
- + Letter reporting adaptive management recommendations and a report of performance standard compliance after the first growing season

ADDITIONAL VALUE

Public Education

Beyond the technical scope, the project also provides an opportunity to support public education and community stewardship.

This project, located directly southwest of Downers Grove South High School, presents a unique opportunity to combine stream restoration with environmental education and community engagement. In coordination with Downers Grove South High School, Downers Grove Public Works Department, and the Illinois Department of Natural Resources, our team will explore opportunities for student participation in pre and post construction fish surveys and other ecological monitoring activities. These efforts will help evaluate project outcomes while providing students with hands-on exposure to watershed science, stream ecology, and environmental restoration.

Upon completion, the project will serve as a visible example of stormwater management best practices, riparian habitat enhancement, and water quality improvement, fostering greater awareness and stewardship within the community.

PROJECT TEAM

See Section 4 for our proposed project team.



PROPOSED PROJECT SCHEDULE

We propose the following schedule for the Prentiss Creek Stream Stabilization project and understand construction will be substantially complete by January 2, 2028, with final completion by March 30, 2028.

TASKS	2026				2027												2028		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
Notice to Proceed																			
Project Kickoff Meeting																			
Design Review Meeting																			
100% Design Documents																			
Permit Submittals																			
Construction Documents Submittal																			
Permit Review																			
Pre-construction Meeting																			
Construction Period																			
Ecological/Wetland Performance Report																			
Final Closeout Meeting																			

PROPOSED OVERALL FEE

Farnsworth Group proposes to provide the **design services (including contingency and 3-years of ecological monitoring and maintenance) for \$220,274** and the **construction services (including contingency) for \$1,029,526** for a combined **total project cost of \$1,249,800.**

VI. PROPOSAL/CONTRACT FORM

*****THIS PROPOSAL, WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE, SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

Entire Block Must Be Completed When A Submitted Proposal Is To Be Considered For Award

PROPOSER:

Farnsworth Group, Inc.

Company Name

Date: 08.24.2026

1011 Warrenville Road, Suite 375

Street Address of Company

ejenkins@f-w.com

Email Address

Lisle, IL 60532

City, State, Zip

Emily Jenkins

Contact Name (Print)

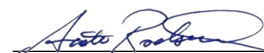
630.296.5877

Business Phone

717.683.4089

13-Hour Telephone

Fax

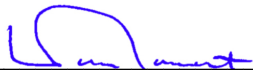


Signature of Officer, Partner or
Sole Proprietor

Scott Rodseth, Principal

Print Name & Title

ATTEST: If a Corporation



Signature of Corporation Secretary

VILLAGE OF DOWNERS GROVE:

Authorized Signature

ATTEST:

Title

Signature of Village Clerk

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Proposal is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.



VENDOR W-9 REQUEST FORM

The law requires that we maintain accurate taxpayer identification numbers for all individuals and partnerships to whom we make payments, because we are required to report to the I.R.S all payments of \$600 or more annually. We also follow the I.R.S. recommendation that this information be maintained for all payees including corporations.

Please complete the following substitute W-9 letter to assist us in meeting our I.R.S. reporting requirements. The information below will be used to determine whether we are required to send you a Form 1099. Please respond as soon as possible, as failure to do so will delay our payments.

BUSINESS (PLEASE PRINT OR TYPE):

NAME: Farnsworth Group, Inc.

ADDRESS: 200 W College Avenue, Suite 301

CITY: Normal

STATE: IL

ZIP: 61761

PHONE: 309.663.8436 FAX: _____

TAX ID #(TIN): 37-1123236

(If you are supplying a social security number, please give your full name.)

REMIT TO ADDRESS (IF DIFFERENT FROM ABOVE):

NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____ ZIP: _____

TYPE OF ENTITY (CIRCLE ONE):

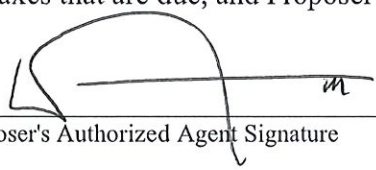
Individual	Limited Liability Company – Member-Managed
Sole Proprietor	Limited Liability Company- Manager-Managed
Partnership	Medical
<u>Corporation</u>	
Charitable/Nonprofit	Government Agency

SIGNATURE:  DATE: 08.24.2026

PROPOSER'S CERTIFICATION (page 1 of 3)

With regard to Prentiss Creek Streambank Stabilization Design/Build 67th Street to Prentiss Drive, Proposer Farnsworth Group, Inc. hereby certifies the following:
 (Name of Project) (Name of Proposer)

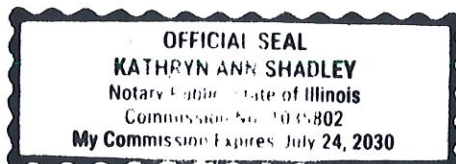
1. Proposer is not barred from bidding this Contract as a result of violations of Section 720 ILCS 5/33E-3 (Bid Rigging) or 720 ILCS 5/33E-4 (Bid-Rotating);
2. Proposer certifies that it has a written sexual harassment policy in place and is in full compliance with 775 ILCS 5/2-105(A)(4);
3. Proposer certifies that it is in full compliance with the Federal Highway Administrative Rules on Controlled Substances and Alcohol Use and Testing, 49 C. F.R. Parts 40 and 382 and that all employee drivers are currently participating in a drug and alcohol testing program pursuant to the Rules.
4. Proposer further certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue, or that Proposer is contesting its liability for the tax delinquency or the amount of a tax delinquency in accordance with the procedures established by the appropriate Revenue Act. Proposer further certifies that if it owes any tax payment(s) to the Department of Revenue, Proposer has entered into an agreement with the Department of Revenue for the payment of all such taxes that are due, and Proposer is in compliance with the agreement.

BY: 
 Proposer's Authorized Agent Signature

3	7	-	1	1	2	3	2	3	6
---	---	---	---	---	---	---	---	---	---

FEDERAL TAXPAYER IDENTIFICATION NUMBER

or _____
 Social Security Number



Subscribed and sworn to before me
 this 24th day of August, 2026

Kathryn A Shadley
 Notary Public

PROPOSER'S CERTIFICATION (page 2 of 3)

(Fill Out Applicable Paragraph Below)

(a) Corporation

The Proposer is a corporation organized and existing under the laws of the State of Illinois, which operates under the Legal name of Farnsworth Group, Inc., and the full names of its Officers are as follows:

President: Karen Jensen

Secretary: Donald Forrest

Treasurer: Michael Redington

and it does have a corporate seal. (In the event that this Proposal is executed by other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation which permits the person to execute the offer for the corporation.)

(b) Limited Liability Company (LLC)

The Bidder is a LLC organized and existing under the laws of the State of _____, which operates under the legal name of _____, and the full names of its managers or members are as follows:

Manager or Member: _____

Manager or Member: _____

Manager or Member: _____

Manager or Member: _____

(c) Partnership

Names and Addresses of All Members of Partnership:

The partnership does business under the legal name of: _____, which name is registered with the office of _____ in the State of _____.

PROPOSER'S CERTIFICATION (page 3 of 3)**(d) Sole Proprietor**

The Proposer is a Sole Proprietor whose full name is: _____
and if operating under a trade name, said trade name is: _____
which name is registered with the office of _____ in the State of _____.

5. Are you willing to comply with the Village's preceding insurance requirements within 10 days of the award of the contract? YES NO (circle one)

Insurer's Name _____

Agent _____

Street Address _____

City, State, Zip Code _____

Telephone Number _____

I/We affirm that the above certifications are true and accurate and that I/we have read and understand them.

Print Name of Company: Farnsworth Group, Inc.

Print Name and Title of Authorizing Signature: Scott Rodseth, Principal

Signature: 

Date: 08.24.2026

Suspension or Debarment Certificate

Non-Federal entities are prohibited from contracting with or making sub-awards under covered transactions to parties that are suspended or debarred or whose principals are suspended or debarred. Covered transactions include procurement for goods or services equal to or in excess of \$100,000.00. Contractors receiving individual awards for \$100,000.00 or more and all sub-recipients must certify that the organization and its principals are not suspended or debarred.

By submitting this offer and signing this certificate, the Proposer certifies to the best of its knowledge and belief, that the company and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal, state or local governmental entity, department or agency;
2. Have not within a three-year period preceding this Proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction, or convicted of or had a civil judgment against them for a violation of Federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal/contract had one or more public transactions (Federal, State or local) terminated for cause or default.

If the Proposer is unable to certify to any of the statements in this certification, Proposer shall attach an explanation to this certification.

Company Name: Farnsworth Group, Inc.

Address: 200 W College Avenue, Suite 301

City: Normal, IL Zip Code: 61761

Telephone: (309) 663.8436 Fax Number: ()

E-mail Address: srodseth@f-w.com

Authorized Company Signature: 

(Print) Name: Scott Rodseth Title of Official: Principal

Date: 08.24.2026

Campaign Disclosure Certificate

Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed 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 the bid or proposal documents, contractor/proposer/bidder/vendor 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: _____

☒ Proposer/vendor has not contributed to any elected Village position within the last five (5) years.


Signature

Scott Rodseth
Print Name

☐ Proposer/vendor 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

Apprenticeship and Training Certification

Bidder certifies that it is a participant, either as an individual or as part of a group program, in the approved apprenticeship and training programs applicable to each type of work or craft that the bidder will perform with its own forces. The Bidder further certifies for work that will be performed by subcontract that each of its subcontractors submitted for approval either (a) is, at the time of such bid, participating in an approved, applicable apprenticeship and training program; or (b) will, prior to commencement of performance of work pursuant to this Contract, begin participation in an approved apprenticeship and training program applicable to the work of the subcontract. The Village of Downers Grove, at any time before or after award, may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. Applicable apprenticeship and training programs are those that have been approved and registered with the United States Department of Labor. The Bidder shall list in the space below, the official name of the program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the Bidder is a participant and that will be performed with the Bidder's forces. Types of work or craft work that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category that does not have an applicable apprenticeship or training program. **The Bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is listed below. Return this with the Bid. This Certification will be used to determine the lowest responsible bidder in accordance with the Village Council Policy regarding Purchasing Procedures.**

The requirements of this certification and disclosure are a material part of the Contract, and the Contractor shall require this certification provision to be included in all approved subcontracts. In order to fulfill this requirement, it shall not be necessary that an applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this Contract.

Certificate of Compliance

The bidder hereby certifies that it and its subcontractors participate in an applicable apprenticeship program.

Signature _____

Company Name _____

Title _____

Date _____

Certificate of Non-Compliance

The bidder hereby certifies that it or its subcontractors do not participate in an applicable apprenticeship program.

Signature **Colin Rich** Digitally signed by Colin Rich
DN: cn=US, email=colinr@cardinalstateil.com,
o="Cardinal State, LLC", cn=Colin Rich
Date: 2026.08.24 12:51:40-0400 _____

Company Name **Cardinal State, LLC** _____

Title **Estimator** _____

Date **8/24/2026** _____

INTERNATIONAL UNION OF OPERATING ENGINEERS

LOCAL UNION NO. 150, 150A, 150B, 150C, 150D, 150E, 150G, 150M, 150O, 150 R.A.

AFFILIATED WITH THE A.F.L.-C.I.O. AND BUILDING TRADES DEPARTMENT

JAMES M. SWEENEY
PRESIDENT-BUSINESS MANAGER



(708) 482-8800 - FAX (708) 482-7186
6200 JOLIET ROAD
COUNTRYSIDE, IL 60525-3992

December 12, 2025

To Whom it May Concern:

Cardinal State LLC ("Cardinal") is signatory to The LANDSCAPE CONSTRUCTION LABOR AGREEMENT between THE ILLINOIS LANDSCAPE CONTRACTORS BARGAINING ASSOCIATION ("ILCBA") and INTERNATIONAL UNION OF OPERATING ENGINEERS, LOCAL 150, AFL-CIO ("LOCAL 150"), effective January 1, 2021 through December 31, 2024 (currently in negotiations for a successor agreement), commonly known as the Landscape Operators Agreement and signatory with Local 150 to The LANDSCAPE CONSTRUCTION LABOR AGREEMENT (PLANTSMAN AND OTHER NON-EQUIPMENT OPERATOR CLASSIFICATIONS), commonly known as the Plantsman Agreement, effective January 1, 2024 through December 31, 2027. Neither of these agreements require Cardinal to utilize apprentices or sets forth wages and fringe benefit rates for apprentices.

INTERNATIONAL UNION OF OPERATING ENGINEERS,
LOCAL 150, AFL-CIO

/s/ Freddy Alvarez

FREDDY ALVAREZ
BUSINESS REPRESENTATIVE

BHR/plf