

**VILLAGE OF DOWNERS GROVE**  
**REPORT FOR THE VILLAGE COUNCIL WORKSHOP**  
**JANUARY, 22, 2008 AGENDA**

<b>SUBJECT:</b>	<b>TYPE:</b>	<b>SUBMITTED BY:</b>
Contract Award: WIIP Projects Brook Drive & Centre Circle, Parrish Court, Venard & Acorn, Barneswood (Saratoga – Highland) and Lacey Creek Retaining Wall	✓ Resolution Ordinance Motion Discussion Only	Robin A. Weaver Interim Director of Public Works

**SYNOPSIS**

A resolution has been prepared to authorize award of a contract for the design of watershed improvements for the projects Brooke Drive and Centre Circle Drainage Improvements; Parrish Court Drainage Improvements; Venard and Acorn Storm Sewer Replacement; Barneswood Storm Sewer Replacement; and Lacey Creek Retaining Wall Replacement to V3 Companies of Illinois, Ltd., of Woodridge, Illinois, in the amount of \$334,980 (\$29,980; \$8,000; \$37,000; \$10,000 and \$250,000 respectively).

Staff is asking Council to waive the tradition one-week waiting period in order to allow work to begin as soon as possible on these stormwater improvements. Alternatively, as there is a *fifth* Tuesday in January, the next opportunity for Council to approve this item would be February 5, 2008.

**STRATEGIC PLAN ALIGNMENT**

The Five Year Plan and Goals for 2007-2012 identified *Top Quality Village Infrastructure & Facilities*. A supporting objective of this goal is *Well-Designed, Well-Built and Well-Maintained Village Facilities and Infrastructure*.

**FISCAL IMPACT**

The adopted FY08 Stormwater Improvement Fund budget provides \$335,000 for these projects as follows:

<b>Project</b>	<b>Budgeted Amount</b>	<b>Proposed Contract Amount</b>
Brooke Drive and Center Circle Drainage Improvements	\$30,000	\$29,980
Parrish Court Drainage Improvements	\$8,000	\$8,000
Venard and Acorn Storm Sewer Replacement	\$37,000	\$37,000
Barneswood Storm Sewer Replacement	\$10,000	\$10,000
Lacey Creek Retaining Wall Replacement	\$250,000	\$250,000
<b>Total</b>	<b>\$335,000</b>	<b>\$334,980</b>

The CIP budget for Lacey Creek Retaining Wall has \$150,000 for design engineering in 2008 and \$100,000 for design engineering in 2009. Based on resident comments regarding the extension of culverts and on engineering advice from the consultants, the design work would be best done all at one time. It is both a more logical way to proceed and a more cost effective way to conduct the engineering work. This will require a budget amendment later in the year. Because bonds will be issued later this year, the funds will be available.

**RECOMMENDATION**

Approval under the Village Attorney's Report following approval of a motion to waive the traditional one-week waiting period and approve on January 22, 2008.

## **BACKGROUND**

The State of Illinois previously adopted changes to the state law that identifies the difference between taking competitive bids for the purchase of equipment or the process by which a government entity may take proposals for specific professional services. Under this law, the Village takes “bids” when purchasing but it may not take “bids” for professional services. The Village may take proposals that evaluate the professional capabilities of an architect, an engineer or a land surveyor. However, if the Village has a “satisfactory relationship for services with one or more firms,” it is not required to take proposals. In considering proposals for professional services, the Village may consider the ability of professional personnel, past record and experience, performance data on file, willingness to meet time and budget requirements, location, workload of the firm and such other factors as the Village may determine in writing as applicable. Following a determination that the professional service provider meets the requirements of the Village, a price for services can be negotiated under state law.

The contract is to acquire design engineering work for the below listed stormwater projects. The following project scopes were presented at the Stormwater and Floodplain Oversight Committee meetings in December 2007 and were approved by the Village Council on January 15, 2008.

Brook Drive and Centre Circle Drainage Improvements – New inlets and replacement of storm sewers along Brook Drive and Center Circle will take approximately two months of construction in 2009.

Parrish Court Drainage Improvements – Replacement of flat inlet grates with the high efficiency inlet grates will allow storm water to enter the system even when a buildup of debris is present. Construction is estimated to take one month in 2008.

Venard and Acorn Storm Sewer Replacement – Work will include replacement of existing storm sewer pipes with larger ones and the installation of high efficiency inlet grates. Construction is expected to last two months in 2008.

Barneswood Storm Sewer Replacement – Work will includes replacement of two road culverts with larger ones and the installation of high efficiency inlet grates. Construction work will take one to two months in 2008.

Lacey Creek Retaining Wall Replacement – This project includes replacement of 1000 lineal feet of railroad retaining wall along Highland Avenue between Barneswood Drive and Oak Hill Road to improve safety and increase creek capacity; replacement of inlets; addition of inlets; and the creation of opportunities for sump pump connection. Initial work will take place in 2009.

## **ATTACHMENTS**

Resolution

Professional Services Agreement

Project Scoping Sheets (5)

Capital Project Sheets (5)

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION AUTHORIZING EXECUTION OF THE PROFESSIONAL SERVICES AGREEMENTS BETWEEN THE VILLAGE OF DOWNERS GROVE AND V3 COMPANIES OF ILLINOIS, LTD.**

BE IT RESOLVED by the Village Council of the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the form and substance of certain Agreements (the “Agreements”), between the Village of Downers Grove (the “Village”) and V3 Companies of Illinois, Ltd. (the “Consultant”), for the design of watershed improvements for the projects: DR-001 Brook Drive & Centre Circle; SW-029 Parrish Court; SW-030 Venard & Acorn; SW-031 Barneswood (Saratoga – Highland); and SW-007 Lacey Creek Subwatershed G (Phase I), as set forth in the form of the Agreements submitted to this meeting with the recommendation of the Village Manager, are hereby approved.

2. That the Village Manager and Village Clerk are hereby respectively authorized and directed for and on behalf of the Village to execute, attest, seal and deliver the Agreements, substantially in the forms approved in the foregoing paragraph of this Resolution, together with such changes as the Manager shall deem necessary.

3. That the proper officials, agents and employees of the Village are hereby authorized and directed to take such further action as they may deem necessary or appropriate to perform all obligations and commitments of the Village in accordance with the provisions of the Agreements.

4. That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.

5. That this Resolution shall be in full force and effect from and after its passage as provided by law.

\_\_\_\_\_  
Mayor

Passed:

Attest: \_\_\_\_\_  
Village Clerk

## AGREEMENT

This Agreement is made this 11th day of January, 2008 by and between V3 Consultants of Illinois, Ltd. (or "Consultant") and the Village of Downers Grove, Illinois, an Illinois municipal corporation with offices at 801 Burlington Avenue, Downers Grove, Illinois 60515, ("Village").

WHEREAS, the Village wishes to retain the services of the Consultant for professional engineering services; and

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

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

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

See attached Scope of Services dated January 11, 2008.

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

- A. The term of this Agreement will be one year from the date of execution by both parties. The controlling date shall be the date of the last signature. The Agreement may be renewed for an additional term upon written agreement of the parties.
- B. The Consultant has developed a preliminary progress schedule which will be revised as the project progresses. As a condition of tender and receipt of a proper invoice, the Village of Downers Grove will pay the fee as defined in the Scope of Services submission dated January 11, 2008. Without such attached invoice, payments will not be made.

### **III. Compensation**

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

The Village will pay the Consultant an amount not to exceed \$334,980. This amount was based upon the services listed in the attached Scope of Services submission dated January 11, 2008. The Village will only be billed for services actually performed. This shall include reimbursable non-direct expenses. Any additional work performed in excess of the attached Scope of Services submission dated January 11, 2008 that would increase the contract amount must be approved in writing by the Village of Downers Grove prior to commencement.

#### **B. Reimbursable Non-Direct Expenses:**

These may include support services required to execute the scope of services such as photocopying, messenger/mail and exhibit preparation, etc.

#### **C. Consultant Invoices:**

The Consultant shall prepare invoices that contain a reference number, the billing period, the classifications and/or names of staff, numbers of hours billed to the project, all reimbursable expenses including reproduction, mailing, and equipment and a total reimbursable amount for the

billing period, the original contract amount, the currently approved contract amount, amounts billed to date, amounts received to date, and the contract amount remaining in the contract to date.

**D. Prompt Payment Act:**

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

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

**IV. Insurance and Indemnification of the Village**

- A. The Consultant shall be required to obtain, from a company or companies lawfully authorized to do business in the jurisdiction in which the project is located, such general liability insurance as will protect the Consultant from claims, at a minimum set forth below which may arise out of or result from the Consultants operations under this agreement and for which the Consultant may legally liable:
  - 1. Claims under workers compensation, disability benefit and other similar employee benefit acts which are applicable to the operation to be performed;
  - 2. Claims for damages because of bodily injury, occupational sickness or disease, or death of the Consultants employees;
  - 3. Claims for damages because of bodily injury, sickness or disease, or death of any person other than the Consultants employees;
  - 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 Consultant, or 2) by another person;
  - 5. Claims for damages, other than to the work itself, because of injury to or destruction of tangible property, including loss of use resulting there from;
  - 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;
  - 7. Claims for damages as a result of professional or any other type of negligent action by the Consultant or failure to properly perform services under the scope of the agreement between the Consultant and the Village.
- B. The Consultant shall demonstrate having such insurance coverage for a minimum of \$2 million for professional liability (errors and omissions).
- C. As evidence of said coverages, Consultant shall provide the Village with certificates of insurance naming the Village of Downers Grove as an additional insured and include a provision for cancellation only upon at least 30 days prior notice to the Village of Downers Grove. In addition, the Consultant

shall indemnify and hold harmless the Village and its officers, employees and agents from any and all liability, losses or damages the Village may suffer as a result of claims, demands, suits, actions or proceedings of any kind or nature in any way resulting from or arising out of negligent action on the part of the Consultant or any sub-consultant to the Consultant under the Consultant's agreement with the Village.

## **V. General Terms and Conditions**

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

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

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

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

1. That it will not discriminate against any employee or applicant for employment because of race, color religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
2. That, if it hires additional employees in order to perform this 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.
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.
4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the consultant's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the consultant in its efforts to comply with such Act and Rules and Regulations, the consultant will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

5. That it will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
6. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
7. That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subconsultant. In the same manner as with other provisions of this contract, the consultant will be liable for compliance with applicable provisions of this clause by such subconsultants; and further it will promptly notify the contracting agency and the Department in the event any subconsultant fails or refuses to comply therewith. In addition, the consultant will not utilize any subconsultant declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivision or municipal corporations.

### **C. Sexual Harassment**

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

1. Notes the illegality of sexual harassment;
2. Sets forth the State law definition of sexual harassment;
3. Describes sexual harassment utilizing examples;
4. Describes the Consultant or supplier's internal complaint process including penalties;
5. Describes the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and how to contact these entities, and;
6. Describes the protection against retaliation afforded under the Illinois Human Rights Act.

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

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

1. Publishing a statement: (1) Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in the grantee's or consultant's workplace. (2) Specifying the actions that will be taken against employees for violations of such prohibition. (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will: abide by the terms of the statement; and notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
2. Establishing a drug free awareness program to inform employees about: (1) the dangers of drug abuse in the workplace; (2) the grantee's or consultant's policy of maintaining a drug free

- workplace; (3) any available drug counseling, rehabilitation, and employee assistance programs; (4) the penalties that may be imposed upon employees for drug violations.
3. Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
  4. Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
  5. Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is so convicted as required by section 5 of the DrugFree Workplace Act.
  6. Assisting employees in selecting a course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that a trained referral team is in place.
  7. Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

#### **E. Discrimination**

Consultant, its employees and subconsultants, agree not to commit unlawful discrimination and agree to comply with applicable provisions of the Illinois Human Rights Act, the Public Works Employment Discrimination Act, the U.S. Civil Rights Act and Section 504 of the Federal Rehabilitation Act, and rules applicable to each. The equal opportunity clause of the Department of Human Rights rules is specifically incorporated herein.

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

#### **F. Standard of Care**

Services performed by the Consultant under this Agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representations express or implied, and no warranty or guarantee is included or intended in this Agreement or in any report, opinions, and documents or otherwise.

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



**G. Limitation of Professional Liability**

Village agrees to limit Consultant's liability to Village arising from the Consultant's professional acts, errors or omissions in performing this Agreement, such that the total aggregate liability of Consultant to all those named shall not exceed \$2,000,000 or total fee for the services rendered on this project, whichever is greater.

**H. Termination**

In the event of the Consultant's nonperformance, breach of the terms of the Agreement, or for any other reason, the Agreement may be canceled, in whole or in part, upon the Village's written notice of default and the Consultant's failure to cure such default within ten days of the notice. The Village will pay the Consultant's costs actually incurred as of the date of receipt of notice of default. Upon termination, the Consultant will deliver all documents and products of whatever kind, and their reproducible originals related to the project, which have been produced to the date of the notice of default.

**I. Compliance with Laws**

All work under the Agreement must be executed in accordance with all applicable federal, state and local laws, ordinances, rules and regulations.

**J. Governing Law**

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

**K. Successors and Assigns**

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

**L. Waiver of Contract Breach**

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

**M. Amendment**

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

**N. Indemnification**

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

**P. Severability of Invalid Provisions**

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

**Q. Assignment**

The Consultant will not assign or subcontract any portion of this Agreement, unless the Village agrees to the assignment or subcontract in writing. Any assignment will not relieve the Consultant from its obligations or change the terms of this Agreement.

The Consultant will provide a list of key staff, titles, responsibilities, and contact information to include all expected sub consultants.

**R. Notice**

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

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

**Derrick L. Martin  
V3 Companies of Illinois, Ltd.  
7325 Janes Ave.  
Warrenville IL 60517**

**S. Conflict of Provisions**

In the event there is a conflict between the provisions contained herein and the Scope of Services submission dated January 11, 2008, the terms herein shall prevail.

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

**V3 Companies of Illinois, Ltd.** \_\_\_\_\_

**Village of Downers Grove**

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

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

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

**Title: Village Manager**

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

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

**CONSULTANT’S CERTIFICATION**

Consultant, V3 Companies of Illinois, Ltd hereby certifies that  
(Name of Consultant)

It is not barred from agreeing to this contract for:

WIIP Projects Prentiss Brook Drive & Center Circle, Parrish Court, Venard & Acorn , Barneswood (Saratoga – Highland) & Lacey Creek Sub G (Phase I)  
(Description of Contract)

as a result of a violation of either Section 720 ILCS 5/33E-3 and 720 ILCS 5/33E-4 of Article 33E of Chapter 38 of the Illinois Compiled Statutes.

Consultant further certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue, or that consultant 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. Consultant further certifies that if it owes any tax payment(s) to the Department of Revenue, Consultant has entered into an agreement with the Department of Revenue for the payment of all such taxes that are due, and Consultant is in compliance with the agreement.

By: \_\_\_\_\_  
Consultant’s Authorized Agent

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FEDERAL TAXPAYER IDENTIFICATION NUMBER

Subscribed and sworn to before me this  
\_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

or \_\_\_\_\_  
NAME

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Social Security Number



January 11, 2008

Mr. Michael Millette, P.E.  
Assistant Director of Public Works  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, Illinois 60515

Re: Proposal for Professional Services  
Phase II Engineering – Brook Drive & Centre Circle Stormwater Improvements (DR-001)  
Downers Grove, DuPage County, Illinois

Dear Mr. Millette:

On behalf of V3 Companies of Illinois, Ltd. (V3), we are pleased to submit this proposal for professional engineering services on the above-referenced project. If you find this proposal to be acceptable, the executed copies of this letter, together with the Exhibits attached hereto, will constitute an agreement between the Village of Downers Grove (CLIENT) and V3 (ENGINEER) for services on this project.

### **PROJECT UNDERSTANDING**

Based on information provided by the Village, it is our understanding that street flooding at the intersection of Brook Drive and Centre Circle occurs approximately twice a year and reaches depths of 3 to 4 feet, which prevents access to approximately 10 to 12 businesses in the area. Past experiences suggest that the flood waters typically drain down within an hour or two after the rainfall ends.

Based on the DuPage County Regulatory Flood Map (RFM), the project area is located at the headwaters of the East Branch DuPage River Glen Park Tributary #1 (also referred to as Oak Creek on the Village's Drainage Control Map). The Glen Park Tributary is a 455-acre tributary that incorporates subwatersheds located in the Village of Lombard, the Village of Downers Grove, and Unincorporated DuPage County. Although detailed hydrologic and hydraulic modeling exists for the East Branch DuPage River, there does not appear to be any regulatory modeling available for the Glen Park Tributary (local studies may be available).

The CLIENT, through a meeting with V3 on January 4, 2008, wishes to proceed with Phase I / Phase II Engineering Services that will evaluate the existing system and recommend a preferred solution, which is anticipated to involve the installation of new inlets and storm sewer replacement / modifications. As such, it is anticipated that the following services will be required:

## SCOPE OF SERVICES

### **A. Data Collection and Field Reconnaissance (E01)**

Since this area was not included in the recently completed Watershed Infrastructure Improvement Plan, V3 will review all available existing stormwater information for this area. This information (provided by CLIENT) will include, but not be limited to, the October 2, 2006 rainfall event flood map, a current GIS map with drainage information, storm sewer atlases, roadway information, existing depressional storage analysis, detention pond information, existing drainage studies, DuPage County 2-foot topographic mapping, historical flooding information, storage facility location map, resident survey database and existing wetland delineation information. Recent survey shall also be provided.

Field visits will be completed to evaluate locations where survey data may be required. The field visits will also assist in evaluating depressional storage area overflow and outlet conditions, detention pond outlet conditions, overland flow routes, subbasin drainage divides, storm sewer locations, existing streambank conditions, and identify properties that may be impacted by stormwater flooding.

### **B. Field Survey (V03)**

After a thorough review of existing information, a crew will be sent out to survey any missing data that will be critical in completing hydrologic and hydraulic modeling of the stormwater infrastructure, including storm sewers, depressional storage areas, stream crossings, overland flow, roadway cross-section and detention pond information. The survey will be completed based on the DuPage County and/or the Village of Downers Grove benchmark systems so it can be tied into the DuPage County 2-foot topography.

The areas that require detailed survey will be determined during the Data Collection and Field Reconnaissance phase.

### **C. Concept Development & Preliminary Engineering (E03)**

Based on the information collected in the Data Collection & Field Reconnaissance and Field Survey phases, V3 will evaluate the existing storm sewer system, which may include detailed hydrologic and/or hydraulic modeling. FEQ modeling shall not be performed; however, review of existing FEQ modeling may be necessary. V3 will attempt to calibrate the model using available historical information.

Using the existing conditions evaluation as a baseline, V3 will identify two concept level plans to minimize or eliminate the flooding problems. Each concept level plan will consist of a single page exhibit showing the proposed inlet installation, storm sewer replacement and/or some combination of both. V3 will prepare for and attend one Concept Review Meeting and one Follow-up Review Meeting to discuss alternative solutions and select a preferred solution.

Upon selection of a concept by CLIENT, V3 shall prepare preliminary design plans (approximately 70% complete) and specifications showing the preferred solution for inlet installation, storm sewer replacement and/or other modifications in the project area. The preliminary plan set will be substantially complete, detailing the work to be performed. V3 shall also prepare an Engineer's Opinion of Probable Costs for the proposed solution.

It is assumed that stormwater permitting, wetland delineation and/or permitting services, and floodplain services are not required for this project.

**D. Final Engineering (E04)**

Upon receipt of comments from the CLIENT, V3 shall develop final construction plans, specifications, and an engineer's opinion of probable cost to be used as bid documents by the Village of Downers Grove. The specifications shall incorporate the Village's standard "front end" language as provided by the CLIENT. If requested, one Mylar copy of construction plans will also be provided. Client coordination, project management, and project meetings (maximum of three) with CLIENT are included in this task.

**COMPENSATION**

V3 shall be compensated on a time and materials basis for services performed on this project using a labor multiplier of 2.85. The total not-to-exceed fee for this project is \$30,000. A breakdown of fee by task is shown below and in the attached man-hour estimate (Attachment A).

A.	Data Collection and Field Reconnaissance (E01)	\$6,370
B.	Field Survey (V03)	\$9,200
C.	Concept Development & Preliminary Engineering (E03)	\$7,760
D.	Final Engineering (E04)	\$5,400
E.	Reimbursable and Direct Costs (E99)	\$1,250
	<b>TOTAL NOT-TO-EXCEED FEE</b>	<b>\$29,980</b>

### **EXTENT OF SERVICES**

Services provided in this agreement only pertain to the design services listed for the above stated property. In addition, this Agreement does **not** include services for the following:

- Boundary surveys;
- Ecological services, including wetland delineations, assessments and permitting;
- Floodplain and stormwater permitting;
- Traffic signal design or traffic impact analysis;
- Soil borings or other geotechnical services;
- Testing agency services during construction;
- Pumping (lift) station design;
- Electrical or photometric design of site lighting;
- Structural design of any kind;
- Improvements to existing roadways adjacent to site (except patching as required);
- Public meeting or hearing attendance;
- Permitting with other governmental roadway authorities (Tollway, IDOT, DuDOT, etc.);
- Construction Staking or As-Built Survey; and
- Construction Management

If desired, V3 can provide these services as an Additional Service.

### **PRELIMINARY PROJECT SCHEDULE**

Anticipated Notice to Proceed..... January 23, 2008  
Concept Development & Preliminary Plans..... June, 2008  
Receipt of Village Review Comments ..... July, 2008  
Final Contract Documents..... August, 2008

Mr. Mike Millette  
Village of Downers Grove  
January 11, 2008  
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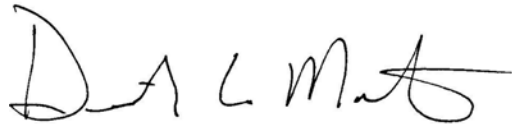
**MISCELLANEOUS CONTRACTUAL ITEMS**

V3 will initiate its services promptly upon receipt of CLIENT's acceptance of this proposal. If there are protracted delays for reasons beyond V3's control, an equitable adjustment of the above-noted compensation shall be negotiated taking into consideration the impact of such delay on the pay scale applicable to the period when V3 services are, in fact, being rendered.

We trust that this proposal meets your approval, and we appreciate the opportunity to work with you on this project.

This proposal, together with the Agreement represents the entire understanding between the CLIENT and V3. If terms of this are found to be satisfactory, please sign this in duplicate in the space provided below, and return one copy to our office as an indication of your acceptance and notice to proceed. If you have any questions, please call Derrick Martin at (630) 724-9200.

Respectfully,  
V3 COMPANIES OF ILLINOIS, LTD.



Derrick L. Martin, P.E., CFM  
Water Resources Group Manager

Accepted For:  
VILLAGE OF DOWNERS GROVE

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

DLM/lg

Attachments

cc: V3 File



**Attachment A: Manhour Estimate For Brooke Drive & Centre Circle Drainage Improvements**

**2008 Downers Grove Stormwater Infrastructure Improvement Projects  
 V3 Companies of Illinois  
 January 11, 2008**

Task Number	Task	Staff hour Estimate By Staff Title								Total By Task	
		Senior Engineer	Water Res. Engineer V / Project Mgr	Water Resources Engineer II	Engineering Technician IV (GIS Tech)	Survey IV (Survey PM)	Survey II (2-Man Crew)	Survey I (Survey Tech)	Staffhours	Cost	
1	Data Collection & Field Reconnaissance	16	4	32	20				72	\$6,368	
2	Field Survey					6	50	24	80	\$9,198	
3	Concept Development & Preliminary Engineering	12	24	48					84	\$7,764	
4	Final Engineering	8	16	35					59	\$5,395	
	Subtotal	(Hr) 36	44	115	20	6	50	24			
	Hourly (based on 2.85 multiplier)	(\$/hr) \$133.00	\$111	\$73	\$73	\$128	\$135	\$70			
	Total	\$4,788	\$4,884	\$8,395	\$1,460	\$768	\$6,750	\$1,680			
									Salary Cost	295	\$28,725
									Direct Cost		\$1,250
									Total Cost		\$29,975

Hourly rates shown for each personnel category are average rates. Actual billing rate may vary based on the specific personnel assigned to the project. Total project cost for the contracted scope of work shall not exceed the total cost presented here.



January 11, 2008

Mr. Michael Millette, P.E.  
Assistant Director of Public Works  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, Illinois 60515

Re: Proposal for Professional Services  
Phase II Engineering – Parrish Court Drainage Improvements (SW-029)  
Downers Grove, DuPage County, Illinois

Dear Mr. Millette:

On behalf of V3 Companies of Illinois, Ltd. (V3), we are pleased to submit this proposal for professional engineering services on the above-referenced project. If you find this proposal to be acceptable, the executed copies of this letter, together with the Exhibits attached hereto, will constitute an agreement between the Village of Downers Grove (CLIENT) and V3 (ENGINEER) for services on this project.

### **PROJECT UNDERSTANDING**

In 2007, the Village Council commissioned four engineering consulting firms to conduct a comprehensive study of the Village's stormwater issues in the major watersheds, including V3 which was commissioned to study the Lacey Creek watershed. The result is the Watershed Infrastructure Improvement Plan (WIIP). The Public Works Department selected nine high priority projects throughout the Village to be designed in 2008 for stormwater improvements. The subject project is one of these selected projects.

The Parrish Court Drainage Improvement project involves installing higher efficiency inlet grates in the Parrish Court cul-de-sac in the Lacey Creek Watershed. The WIIP identified the area as being generally well-served by a series of storm sewers and overland overflow paths which all outlet to Lacey Creek. A major overland flow path is located in the rear yard of one residence. The WIIP identified street, yard and house flooding along Parrish Court, likely resulting from blocked inlets or obstructions in the overland flow path to the creek. The WIIP recommended replacing existing Type 1 inlet grates with high efficiency Type 11 inlet grates.

### **SCOPE OF SERVICES**

#### **A. PRELIMINARY DESIGN PLANS (E03)**

V3 shall prepare preliminary design plans showing inlet replacement on Parrish Court. The preliminary plan set will be substantially complete, detailing the work to be performed. The WIIP did not include survey of the structures on Parrish Court. It is not expected that survey will be required for this effort, as exact rim elevations and exact location coordinates are not anticipated to be necessary for successful construction of

this project. Inlets will be field located using hand-held GPS equipment and shown on the plan set using base mapping from Downers Grove's GIS system.

The plans and specifications will be part of a larger package that also contains infrastructure improvement projects on Barneswood Drive and at Venard Road and Acorn Avenue. The scope associated with this proposal is limited to preparation of plans and specifications for Parrish Court improvements only. Client coordination, project management, and one project meeting with CLIENT are included in this task.

It is assumed that stormwater permitting, stormwater modeling, wetland services, and floodplain services are not required for this project, with the exception of simple inlet grate capacity calculations to establish the number of inlets required to pass the expected flow rates. If needed, these services shall be performed as an Additional Service.

**B. FINAL DESIGN PLANS AND SPECIFICATIONS (E04)**

After CLIENT review of preliminary design plans, V3 shall develop final construction plans, specifications, and an engineer's estimated opinion of probable cost to be used as bid documents by the Village of Downers Grove. The specifications shall incorporate the Village's standard "front end" language as provided by the CLIENT. Two hard copies of the plans and specifications will be delivered to the CLIENT for advertising. Client coordination, project management, and one project meeting with CLIENT are included in this task.

**COMPENSATION**

V3 shall be compensated on a time and materials basis for services performed on this project using a labor multiplier of 2.85. The total not-to-exceed fee for this project is \$8,000. A breakdown of fee by task is shown below and in the attached man-hour estimate (Attachment A).

A. Preliminary Design Plans (E03)	\$3,683.00
B. Final Design Plans and Specifications (E04)	\$3,872.00
C. Reimbursable and Direct Costs (E99)	\$ 445.00
TOTAL	\$8,000.00

### **EXTENT OF SERVICES**

Services provided in this agreement only pertain to the design services listed for the above stated property. In addition, this Agreement does **not** include services for the following:

- Survey;
- Stormwater modeling;
- Stormwater permitting;
- Ecological services, including wetland delineations, assessments and permitting;
- Traffic signal design or traffic impact analysis;
- Soil borings or other geotechnical services;
- Testing agency services during construction;
- Pumping (lift) station design;
- Electrical or photometric design of site lighting;
- Structural design of any kind;
- Improvements to existing roadways adjacent to site (except patching as required adjacent to inlet grates);
- Public meeting or hearing attendance;
- Construction Staking or As-Built Survey; and
- Construction Management

If desired, V3 can provide these services as an Additional Service.

### **PRELIMINARY PROJECT SCHEDULE**

Anticipated Notice to Proceed..... January 23, 2008  
Preliminary Plans..... March 28, 2008  
Receipt of Village Review Comments ..... April 18, 2008  
Final Contract Documents..... May 16, 2008

### **MISCELLANEOUS CONTRACTUAL ITEMS**

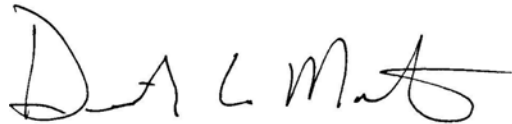
V3 will initiate its services promptly upon receipt of CLIENT's acceptance of this proposal. If there are protracted delays for reasons beyond V3's control, an equitable adjustment of the above-noted compensation shall be negotiated taking into consideration the impact of such delay on the pay scale applicable to the period when V3 services are, in fact, being rendered.

Mr. Mike Millette  
Village of Downers Grove  
January 11, 2008  
Page 4 of 4

We trust that this proposal meets your approval, and we appreciate the opportunity to work with you on this project.

This proposal, together with the Agreement represents the entire understanding between the CLIENT and V3. If terms are found to be satisfactory, please sign this in duplicate in the space provided below, and return one copy to our office as an indication of your acceptance and notice to proceed. If you have any questions, please call Derrick Martin at (630) 724-9200.

Respectfully,  
V3 COMPANIES OF ILLINOIS, LTD.



Derrick L. Martin, P.E., CFM  
Water Resources Group Manager

Accepted For:  
VILLAGE OF DOWNERS GROVE

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

DLM/lg

Attachments

cc: V3 File





January 11, 2008

Mr. Michael Millette, P.E.  
Assistant Director of Public Works  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, Illinois 60515

Re: Proposal for Professional Services  
Phase II Engineering – Barneswood Storm Sewer Replacement (SW-031)  
Downers Grove, DuPage County, Illinois

Dear Mr. Millette:

On behalf of V3 Companies of Illinois, Ltd. (V3), we are pleased to submit this proposal for professional engineering services on the above-referenced project. If you find this proposal to be acceptable, the executed copies of this letter, together with the Exhibits attached hereto, will constitute an agreement between the Village of Downers Grove (CLIENT) and V3 (ENGINEER) for services on this project.

### **PROJECT UNDERSTANDING**

In 2007 the Village Council commissioned four engineering consulting firms to conduct a comprehensive study of the Village's stormwater issues in the major watersheds, including V3 which was commissioned to study the Lacey Creek watershed. The result is the Watershed Infrastructure Improvement Plan (WIIP). The Public Works Department selected nine high priority projects throughout the Village to be designed in 2008 for stormwater improvements. The subject project is one of these selected projects.

The WIIP reported that at least thirteen residents indicated that street, yard, garage and basement flooding have occurred in this area. The area is located within the 10-year floodplain of Lacey Creek; the 10-year floodplain is approximately 2.2 feet higher than the low point on Barneswood Drive, and the 100-year floodplain is approximately 2.7 feet higher than the low point. The culverts at Saratoga Avenue and Venard Road downstream of the problem areas do not have enough capacity to convey the 10-year event, resulting in significant backwater through the problem area on Barneswood.

The area is drained by several storm sewers that each outlet directly to Lacey Creek. The profiles of some of the sewers show apparent settling or incorrect installation, suggesting that this may lead to poor local drainage and ponding during small storm events not affected by floodplain issues. The Barneswood Storm Sewer Replacement project includes upsizing and replacing two short storm sewer laterals from Barneswood Drive to Lacey Creek, and installation of high efficiency inlet grates on Barneswood between Highland Avenue and Creekwood Court. The project will result in storm sewers that have capacity to convey the 10-year and 25-year storm events without flooding at the inlets during a "no tailwater" condition, (e.g., when Lacey Creek is not flooding). The project will not remove the area from the floodplain or reduce flooding associated with the Lacey Creek floodplain.

## **SCOPE OF SERVICES**

### **A. PRELIMINARY DESIGN PLANS (E03)**

V3 shall prepare preliminary design plans showing storm sewer replacement at two locations on Barneswood Drive west of Highland, and showing inlet replacement on Barneswood Drive between Highland Avenue and Creekwood Court. The preliminary plan set will be substantially complete, detailing the work to be performed. During preparation of the WIIP, the storm sewers were surveyed; therefore, is not expected that additional survey will be required for this effort.

The plans and specifications will be part of a larger package that also contains infrastructure improvement projects on Parrish Court and at Venard Road and Acorn Avenue. The scope associated with this proposal is limited to preparation of plans and specifications for Barneswood Drive improvements only. Client coordination, project management, and one project meeting with CLIENT are included in this task.

This task also includes one field meeting with a homeowner on Barneswood Drive who indicated to the Village that he has additional information related to flooding in the area. If the information provided by this homeowner is substantiated and suggests that additional work may be required to reduce local drainage problems on Barneswood Drive (for example, if roadway work must be performed to reestablish flow in the curb and gutter), then the design services for these items shall be provided as an Additional Service.

It is assumed that stormwater permitting, stormwater modeling, wetland services, and floodplain services are not required for this project, with the exception of simple inlet grate capacity calculations to establish the number of inlets required to pass the expected flow rates.

Construction of the replacement storm sewers may include a small temporary impact to wetlands, if wetlands are present at the storm sewer outlet, which would typically require a stormwater permit. However, it is assumed that the project can be considered a maintenance project to correct storm sewer that has either settled or was installed incorrectly; maintenance projects are not considered "development" and therefore do not require a permit under the DuPage County Stormwater and Flood Plain Ordinance. If necessary, stormwater permitting and an evaluation of possible wetland impacts can be performed as an Additional Service.

### **B. FINAL DESIGN PLANS AND SPECIFICATIONS (E04)**

After CLIENT review of preliminary design plans, V3 shall develop final construction plans, specifications, and an engineer's estimated opinion of probable cost to be used as bid documents by the Village of Downers Grove. The specifications shall incorporate the



Mr. Mike Millette  
Village of Downers Grove  
January 11, 2008  
Page 3 of 4

Village's standard "front end" language as provided by the CLIENT. Two hard copies of the plans and specifications will be delivered to the CLIENT for advertising. Client coordination, project management and one project meeting with CLIENT are included in this task.

### COMPENSATION

V3 shall be compensated on a time and materials basis for services performed on this project using a labor multiplier of 2.85. The total not-to-exceed fee for this project is \$10,000. A breakdown of fee by task is shown below and in the attached man-hour estimate (Attachment A).

A. Preliminary Design Plans (E03)	\$ 4,813.00
B. Final Design Plans and Specifications (E04)	\$ 4,743.00
C. Reimbursable and Direct Costs (E99)	\$ 444.00
TOTAL	\$10,000.00

### EXTENT OF SERVICES

Services provided in this agreement only pertain to the design services listed for the above stated property. In addition, this Agreement does **not** include services for the following:

- Survey;
- Stormwater modeling;
- Stormwater permitting;
- Ecological services, including wetland delineations, assessments and permitting;
- Traffic signal design or traffic impact analysis;
- Soil borings or other geotechnical services;
- Testing agency services during construction;
- Pumping (lift) station design;
- Electrical or photometric design of site lighting;
- Structural design of any kind;
- Improvements to existing roadways adjacent to site (except patching as required adjacent to inlet grates);
- Public meeting or hearing attendance;
- Construction Staking or As-Built Survey; and
- Construction Management

If desired, V3 can provide these services as an Additional Service.

Mr. Mike Millette  
Village of Downers Grove  
January 11, 2008  
Page 4 of 4

**PRELIMINARY PROJECT SCHEDULE**

Anticipated Notice to Proceed.....January 23, 2008  
Preliminary Plans .....March 28, 2008  
Receipt of Village Review Comments.....April 18, 2008  
Final Contract Documents .....May 16, 2008

**MISCELLANEOUS CONTRACTUAL ITEMS**

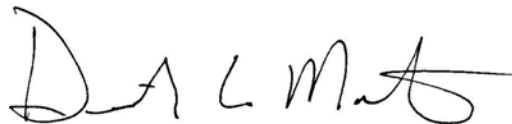
V3 will initiate its services promptly upon receipt of CLIENT's acceptance of this proposal. If there are protracted delays for reasons beyond V3's control, an equitable adjustment of the above-noted compensation shall be negotiated taking into consideration the impact of such delay on the pay scale applicable to the period when V3 services are, in fact, being rendered.

We trust that this proposal meets your approval, and we appreciate the opportunity to work with you on this project.

This proposal, together with the Agreement represents the entire understanding between the CLIENT and V3. If terms are found to be satisfactory, please sign this in duplicate in the space provided below, and return one copy to our office as an indication of your acceptance and notice to proceed.

If you have any questions, please call Derrick Martin at (630) 724-9200.

Respectfully,  
V3 COMPANIES OF ILLINOIS, LTD.



Derrick L. Martin, P.E., CFM  
Water Resources Group Manager

Accepted For:  
VILLAGE OF DOWNERS GROVE

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

DLM/lg

Attachments

cc: V3 File





January 11, 2008

Mr. Michael Millette, P.E.  
Assistant Director of Public Works  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, Illinois 60515

Re: Proposal for Professional Services  
Phase II Engineering – Lacey Creek Retaining Wall Replacement (SW-007)  
Downers Grove, DuPage County, Illinois

Dear Mr. Millette:

On behalf of V3 Companies of Illinois, Ltd. (V3), we are pleased to submit this proposal for professional engineering services on the above-referenced project. If you find this proposal to be acceptable, the executed copies of this letter, together with the Exhibits attached hereto, will constitute an agreement between the Village of Downers Grove (CLIENT) and V3 (ENGINEER) for services on this project.

### **PROJECT UNDERSTANDING**

In 2007, the Village Council commissioned four engineering consulting firms to conduct a comprehensive study of the Village's stormwater issues in the major watersheds, including V3 which was commissioned to study the Lacey Creek watershed. The result is the Watershed Infrastructure Improvement Plan (WIIP). The Public Works Department selected nine high priority projects throughout the Village to be designed in 2008 for stormwater improvements. The subject project is one of these selected projects.

The WIIP identifies this project which includes replacement of approximately 1,000 linear feet of wooden retaining walls on Lacey Creek. In addition to being a potential safety hazard, some walls are leaning and reducing capacity of Lacey Creek. A combination of insufficient creek capacity and undersized culverts results in backwater flooding along Lacey Creek during the 10-year and 100-year storm events. At Highland Avenue, the 10-year floodplain elevation is 3.25 feet higher than the low point on the roadway, and the 100-year floodplain elevation is 3.75 feet higher than the low point on the roadway.

This project includes replacing approximately 1,000 linear feet of retaining wall with a replacement wall. Replacement wall options include segmental block (e.g. Keystone) or textured/colored concrete. Where adequate right-of-way or easements exists, elimination of the walls and replacement with a naturalized bioengineered solution will be considered. A naturalized stream will reduce construction cost, restore the natural status of the stream, and add floodplain storage to the corridor.

## **SCOPE OF SERVICES**

### **A. CONCEPT PLAN AND IDENTIFICATION OF ALTERNATIVES (E01)**

V3 shall perform field reconnaissance to observe the timber retaining wall and identify areas for possible streambank naturalization (e.g., bioengineered or naturalized replacement options instead of vertical replacement walls.) V3 shall prepare conceptual plan drawings identifying the retaining wall replacement option(s) recommended along each segment of Lacey Creek, including typical cross sections. V3 shall present the options to the Village in a staff meeting.

V3 shall also evaluate the possibility of extending the existing culverts at Barneswood, Saratoga and/or Venard in order to facilitate placement of fill on top of the culvert extension and reduce some of the steep and potentially hazardous slopes that currently exist in some rear yard areas at the culvert headwalls. These culvert extensions would require compensatory storage for all of the fill placed above the culvert, as it would be considered fill placed in the floodplain. Furthermore, the culvert extensions must meet regulatory requirements for construction in the floodway, including no impact to flood stage, velocity or conveyance upstream or downstream of the culvert. During this conceptual planning stage, preliminary modeling will be performed using the HEC-RAS steady state model to evaluate whether the culvert extensions would meet regulatory requirements for projects in the floodway. The results of this analysis shall also be presented to the Village in the staff meeting. Based on a field investigation and review of adjacent topography, it is assumed that culvert extensions may be desired by the Village at the west end of Saratoga and both ends of Venard. It is assumed that the Barneswood culvert and the east end of Saratoga will not require extension; if desired by the Village, design and analysis of culvert extensions in these three locations shall be provided as an Additional Service.

V3 shall conduct two resident meetings (one meeting with each of two Homeowner's Associations) to present the options or recommendations to the residents and solicit resident feedback. Where multiple replacement alternatives exist (e.g., in areas with sufficient right-of-way or easements to facilitate replacing the existing vertical walls with a naturalized or bioengineered solution), V3 shall identify resident preferences and work with the Village to select the recommended alternative.

### **B. PRELIMINARY DESIGN PLANS (E03)**

Upon selection of a recommended alternative for each segment of creek, V3 shall prepare preliminary design plans for the retaining wall replacement project. If feasible, the culvert extensions shall also be included in the preliminary design plans. The preliminary plan set will be substantially complete, detailing the work to be performed.

### **C. FINAL DESIGN PLANS AND SPECIFICATIONS (E04)**

After CLIENT review of preliminary design plans, V3 shall develop final construction plans, specifications, and an engineer's estimated opinion of probable cost to be used as bid documents by the Village of Downers Grove. The specifications shall incorporate the Village's standard "front end" language as provided by the CLIENT. Two hard copies of

the plans and specifications will be delivered to the CLIENT for advertising. Client coordination, project management, one project meeting with CLIENT and two resident meetings (one with each Homeowner's Association) are included in this task.

**D. STORMWATER CALCULATIONS AND DUPAGE COUNTY PERMITTING (E08)**

Streambank stabilization projects are exempt from many requirements of the DuPage County Stormwater and Flood Plain Ordinance, and should not require detailed hydraulic modeling or stormwater detention. However, if culverts are extended as described previously, it is likely that steady state (HEC-RAS) and unsteady state (FEQ) modeling will be required for the culvert extensions to demonstrate that regulatory criteria for work in the floodplain and floodway have been met. If the analyses of the culverts alone show impacts to upstream or downstream properties, the modeling will be extended to also include the streambank stabilization activities, which are likely to add storage to the watershed and should offset any fill associated with the culvert extensions.

This task includes preparation of stormwater permitting documentation required to obtain a Stormwater Management Permit from the Village of Downers Grove, including preparation of compensatory storage cross sections and calculations to demonstrate no net fill will be placed in the floodplain as a result of the streambank stabilization project.

This task also includes notifying IDNR of the proposed work in the floodway and floodway permitting through DuPage County. It is anticipated that IDNR will delegate review authority to DuPage County and no formal submittal or permitting will be required from directly from the IDNR.

**E. STRUCTURAL ENGINEERING SERVICES (B01)**

V3 will design precast concrete block retaining wall as required in various locations along Lacey Creek. Plan views of the project will show the proposed wall locations the and top and bottom of wall elevations. Cross sections will be shown for the different required wall heights. Material specification notes will be provided on the plans. The design will be sealed by an Illinois Licensed Structural Engineer.

Geotechnical soil borings will be obtained in ten locations to assess existing soil conditions.

V3 will design culvert extensions as required in various locations along Lacey Creek. The designs will be sealed by an Illinois Licensed Structural Engineer. Culvert locations are as follows:

- Saratoga Avenue - East End: The existing culvert at this location is a 60" diameter corrugated metal pipe culvert with a cast-in-place concrete headwall. Based on a review of topography in this area, it is assumed that a culvert extension would not be required. If desired, V3 will design a collar connection for an in-kind extension of the corrugated metal pipe culvert, and a new headwall at the desired termination point as an Additional Service.

- Saratoga Avenue - West End: The existing culvert at this location is an elliptical precast concrete pipe culvert with a cast-in-place concrete headwall that has guardrails on top. V3 will design a collar connection for an in-kind extension of the precast concrete pipe, and a new headwall at the desired termination point with guardrails on top (if required).
- Venard Road - Both Ends: The existing culvert at this location is a 72" diameter corrugated metal pipe culvert with a cast-in-place concrete headwall. On each end, there is also a 24" diameter concrete pipe coming through the headwall that discharges roadway drainage. V3 will design a collar connections for in-kind extensions of both the corrugated metal pipe and the concrete pipe, and new headwalls at the desired termination points on each side.

**F. TOPOGRAPHIC SURVEY (V03)**

Topographic field survey shall be performed to collect data that will be necessary to prepare design plans and complete hydraulic modeling of Lacey Creek. The topographic survey will be performed along and within the creek in areas with timber retaining walls and will include topography and top and bottom wall elevations; other topographic information will be surveyed such as stormwater infrastructure, storm sewers, depressional storage areas, overland flow routes, roadway cross section information, and detention pond information when present in the vicinity of the timber retaining walls. Property corners will be surveyed to assist in identifying lot lines. Culverts will be surveyed. Hydraulic cross sections will be surveyed in thirty-three locations for use in hydraulic modeling. The survey will be completed based on the DuPage County and/or the Village of Downers Grove benchmark systems so it can be tied into the DuPage County 2-foot topography.

**G. WETLAND DELINEATION AND REPORT, FIELD VERIFICATION, AND RIPARIAN ASSESSMENT (W21)**

**Wetland Delineation:** A botanist and a soil scientist from our Natural Resources Division will conduct a field investigation to locate and delineate wetlands in accordance with the 1987 *Corps of Engineers Wetlands Delineation Manual*. The limits of delineated wetlands will be staked in the field, and approximate boundaries will be mapped on a recent large-scale aerial photograph, based on our field assessment of the vegetation, soils and hydrology at the site.

**Wetland Assessment.** If wetlands are delineated on the property, wetland assessment is required by the Chicago District, US Army Corps of Engineers (ACOE) and DuPage County. Wetland assessment involves an evaluation of wetland characteristics, including wildlife habitat quality, the presence of threatened and endangered species, water quality functions, and plant community quality. As part of the wetland assessment, record inquiry letters or forms will be submitted to the Illinois Department of Natural Resources (IDNR) and the US Fish and Wildlife Service (USFWS). Wetland Assessment also includes a preliminary jurisdictional determination for isolated or

adjacent wetland<sup>1</sup>. Delineated wetlands will be rated as Regulatory or Critical in accordance with the *DuPage County Countywide Stormwater and Flood Plain Ordinance* (County Ordinance). Generally, impacts to wetlands classified as Critical require mitigation at a ratio of 3:1, while impacts to Regulatory wetlands require a 1.5:1 mitigation ratio.

**Riparian Assessment.** V3 will perform a riparian assessment in accordance with Section 15-137 of the DuPage County Countywide Stormwater and Flood Plain Ordinance. The assessment will evaluate the functional values of the riparian area as they relate to habitat and water quality functions.

**Full Wetland Delineation And Riparian Assessment Technical Report.** A wetland report will be provided with the results of our field investigation, including the location and approximate size of wetlands present, a wetland quality evaluation, a Floristic Quality Assessment (FQA), and the wetland assessment. Floristic inventories and detailed soil classification data for each area investigated will be provided in the report. Areas determined to be wetland on the property will be shown on a recent, large-scale aerial photo exhibit. ACOE and DuPage County wetland permitting and/or mitigation requirements will be addressed in the report. The wetland report also will contain detailed technical documentation suitable for review and approval by the ACOE and DuPage County.

**Wetland Verification.** The DuPage County Department of Economic Development & Planning (EDP) requires field verification of all delineated wetlands before acceptance of any development plans for a property parcel. V3 will coordinate this verification with the appropriate county personnel, as necessary. Full Waiver communities within DuPage County regulate wetland development under the County Ordinance. V3 will coordinate with these communities as needed to complete the wetland delineation verification.

#### **H. WETLAND AND RIPARIAN MITIGATION PLANTING PLANS AND SPECIFICATIONS (W22)**

V3 will design and prepare wetland and riparian mitigation plans and specifications for the project. The plans will include proposed native species for installation, which will be based on the anticipated soils and hydrologic conditions. Planting zones will be designated, and proposed species mixes for each planting zone will be listed. Planting and seeding specifications, details and cross-sections as needed, five-year management activities to assist with plant establishment and contractor performance standards will also be included. In addition, topsoil respread specifications for the naturalized planting areas will be prepared and placed on the appropriate sheet of the engineering plans.

#### **I. WETLAND AND RIPARIAN SUBMITTALS AND COORDINATION (W26)**

V3 will prepare the Wetland and Riparian Submittal (Tab 1, Tab 4, Tab 5, and portions of Tabs 6, 7, & 8) based on limited impacts to waters, wetland, wetland buffer and the riparian environment. V3 will serve as CLIENT's representative for the project on wetland issues and provide professional permitting consultation and advice. Additional

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<sup>1</sup> June 5, 2007, USEPA and Department of the Army Joint Memorandum, Clean Water Act Jurisdiction Following the U. S. Supreme Court Decision in *Rapanos v. United States* and *Carabell v. United States*.



coordination will be required following the permit application review by EDP, as a typical Wetland Submittal review of this nature typically requires at least two re-submittals. This coordination will primarily consist of responding to comments received and providing any additional information requested by the EDP.

### COMPENSATION

V3 shall be compensated on a time and materials basis for services performed on this project using a labor multiplier of 2.85. The total not-to-exceed fee for this project is \$250,000. A breakdown of fee by task is shown below and in the attached man-hour estimate (Attachment A).

A. Concept Plans and Identification of Alternatives (E01)	\$ 41,420.00
B. Preliminary Design Plans (E03)	\$ 22,352.00
C. Final Design Plans and Specifications (E04)	\$ 37,160.00
D. Stormwater Calculations and Permitting (E08)	\$ 65,162.00
E. Structural Engineering Services (B01)	\$ 25,308.00
F. Topographic Survey (V03)	\$ 25,958.00
G. Wetland Delineation & Report, Field Verification, and Riparian Assessment (W21)	\$ 7,440.00
H. Wetland and Riparian Mitigation Planting Plans and Specifications (W22)	\$ 7,380.00
I. Wetland and Riparian Submittals and Coordination (W26)	\$ 8,560.00
J. Reimbursables and Direct Costs (E99)	\$ 9,260.00
TOTAL	\$250,000.00

### **EXTENT OF SERVICES**

Services provided in this agreement only pertain to the design services listed for the above stated property. In addition, this Agreement does **not** include services for the following:

- Traffic signal design or traffic impact analysis;
- Testing agency services during construction;
- Pumping (lift) station design;
- Electrical or photometric design of site lighting;
- Improvements to existing roadways adjacent to site;
- Public meeting or hearing attendance beyond those meetings identified in this scope;
- Construction Staking or As-Built Survey; and
- Construction Management

If desired, V3 can provide these services as an Additional Service.

### **PRELIMINARY PROJECT SCHEDULE**

Anticipated Notice to Proceed.....	January, 2008
Topographic Survey.....	February - March, 2008
Concept Plan and Identification of Alternatives.....	May – July, 2008
Preliminary Design Plans.....	August – October, 2008
Stormwater Calculations and Preparation of Permit Documents.....	August – October, 2008
Wetland Delineation and Preparation of Permit Documents.....	August – October, 2008
Permitting Process.....	October 2008 – June 2009
Final Contract Documents.....	July 2009 – September 2009

### **MISCELLANEOUS CONTRACTUAL ITEMS**

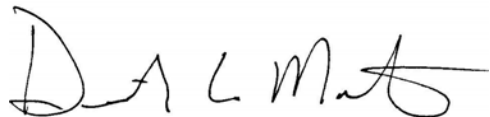
V3 will initiate its services promptly upon receipt of CLIENT's acceptance of this proposal. If there are protracted delays for reasons beyond V3's control, an equitable adjustment of the above-noted compensation shall be negotiated taking into consideration the impact of such delay on the pay scale applicable to the period when V3 services are, in fact, being rendered.

We trust that this proposal meets your approval, and we appreciate the opportunity to work with you on this project.

Mr. Mike Millette  
Village of Downers Grove  
January 11, 2008  
Page 8 of 8

This proposal, together with the Agreement represents the entire understanding between the CLIENT and V3. If terms are found to be satisfactory, please sign this in duplicate in the space provided below, and return one copy to our office as an indication of your acceptance and notice to proceed. If you have any questions, please call Derrick Martin at (630) 724-9200.

Respectfully,  
V3 COMPANIES OF ILLINOIS, LTD.



Derrick L. Martin, P.E., CFM  
Water Resources Group Manager

Accepted For:  
VILLAGE OF DOWNERS GROVE

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

DLM/lg

Attachments

cc: V3 File





January 11, 2008

Mr. Michael Millette, P.E.  
Assistant Director of Public Works  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, Illinois 60515

Re: Proposal for Professional Services  
Phase II Engineering – Venard and Acord Storm Sewer Replacement (SW-030)  
Downers Grove, DuPage County, Illinois

Dear Mr. Millette:

On behalf of V3 Companies of Illinois, Ltd. (V3), we are pleased to submit this proposal for professional engineering services on the above-referenced project. If you find this proposal to be acceptable, the executed copies of this letter, together with the Exhibits attached hereto, will constitute an agreement between the Village of Downers Grove (CLIENT) and V3 (ENGINEER) for services on this project.

### **PROJECT UNDERSTANDING**

In 2007, the Village Council commissioned four engineering consulting firms to conduct a comprehensive study of the Village's stormwater issues in the major watersheds, including V3 which was commissioned to study the Lacey Creek watershed. The result is the Watershed Infrastructure Improvement Plan (WIIP). The Public Works Department selected nine high priority projects throughout the Village to be designed in 2008 for stormwater improvements. The subject project is one of these selected projects.

The WIIP reported that street and house flooding occurs in the area located near the intersection of Venard Road and Acorn Avenue. Results from stormwater modeling performed during the WIIP suggested that the storm sewer system appears to be undersized and settled or incorrectly installed in its upstream sections which appear to result in a surcharged storm sewer system during a five-year storm. The project will include upsizing and replacing existing storm sewers and installation of high efficiency grates along the upsized/replaced storm sewer alignment.

In a scoping meeting on January 4, 2008, the Village indicated that additional drainage problems have been noted at a rear yard area north of the Almond Court cul-de-sac. One inlet is present in the rear yard area between Almond Court and Snowberry Court to collect runoff from several residential lots. Ponding and erosion have been observed at this inlet. This project also includes an assessment of this drainage problem and preparation of related construction plans.

## **SCOPE OF SERVICES**

### **A. PRELIMINARY DESIGN PLANS (E03)**

V3 shall prepare preliminary design plans showing storm sewer replacement along the storm sewer system east of Venard Avenue between Oak Hill Road and Hickory Court, including associated inlet replacement. The preliminary plan set will be substantially complete, detailing the work to be performed.

This phase of the project shall also include an assessment of the drainage problem noted by the Village at the end of Almond Court. Stormwater modeling and calculations shall be performed to identify the cause of the problem and develop a recommended solution. It is assumed that a replacement storm sewer to Lacey Creek and/or improved inlet capacity will be sufficient to reduce ponding in the problem area to an acceptable level. The preliminary plan set prepared for the storm sewer replacement project east of Venard Avenue shall also include the improvements recommended as part of this analysis; if the recommended improvement project involves more than increasing inlet capacity or replacing storm sewer, development of those plans shall be performed as an Additional Service.

The plans will be part of a larger package that also contains infrastructure improvement projects on Parrish Court and at Barneswood Drive. The scope associated with this proposal is limited to preparation of plans and specifications for improvements near Venard and Acorn and at the end of Almond Court only. Field visit, client coordination, project management and one project meeting with CLIENT are included in this task.

It is assumed that stormwater permitting, wetland services, and floodplain services are not required for this project. Construction of the replacement storm sewers may include small temporary impacts to wetlands, if wetlands are present along the storm sewer alignment or at the storm sewer outlets, which would typically require a stormwater permit. However, it is assumed that the project will be classified as a maintenance project as the project will involve correcting back-pitched storm sewers that either settled or were installed incorrectly, and includes re-establishing proper conveyance capacity for the system. Maintenance projects are not considered "development", and therefore do not require a permit under the DuPage County Stormwater and Flood Plain Ordinance. If necessary, stormwater permitting and an evaluation of possible wetland impacts can be performed as an Additional Service.

### **B. FINAL DESIGN PLANS AND SPECIFICATIONS (E04)**

After CLIENT review of preliminary design plans, V3 shall develop final construction plans, specifications, and an engineer's estimated opinion of probable cost to be used as bid documents by the Village of Downers Grove. The specifications shall incorporate the Village's standard "front end" language as provided by the CLIENT. Two hard copies of the plans and specifications will be delivered to the CLIENT for advertising. Client coordination, project management and one project meeting with CLIENT are included in this task.

**C. Topographic Survey (V03)**

During preparation of the WIIP, the storm sewers east of Venard Avenue were surveyed, therefore, is not expected that additional survey will be required for the storm sewers near Venard and Acorn. Topographic survey is required in the rear yard area at the end of Almond Court. Survey will be collected to obtain data that will be critical in completing hydrologic and hydraulic modeling of the stormwater infrastructure and in preparing final design plans, including storm sewers, depressional storage areas, stream crossings, overland flow, roadway cross-section and detention pond information. The survey will be completed based on the DuPage County and/or the Village of Downers Grove benchmark systems so it can be tied into the DuPage County 2-foot topography.

**COMPENSATION**

V3 shall be compensated on a time and materials basis for services performed on this project using a labor multiplier of 2.85. The total not-to-exceed fee for this project is \$37,000. A breakdown of fee by task is shown below and in the attached man-hour estimate (Attachment A).

A. Preliminary Design Plans (E03)	\$21,616.00
B. Final Design Plans and Specifications (E04)	\$12,260.00
C. Topographic Survey (V03)	\$ 3,512.00
D. Reimbursable and Direct Costs (E99)	\$ 612.00
TOTAL	\$37,000.00

**EXTENT OF SERVICES**

Services provided in this agreement only pertain to the design services listed for the above stated property. In addition, this Agreement does **not** include services for the following:

- Stormwater permitting;
- Ecological services, including wetland delineations, assessments and permitting;
- Traffic signal design or traffic impact analysis;
- Soil borings or other geotechnical services;
- Testing agency services during construction;
- Pumping (lift) station design;
- Electrical or photometric design of site lighting;
- Structural design of any kind;
- Improvements to existing roadways adjacent to site (except patching as required adjacent to inlet grates);
- Public meeting or hearing attendance;
- Construction Staking or As-Built Survey; and
- Construction Management

Mr. Mike Millette  
Village of Downers Grove  
January 11, 2008  
Page 4 of 4

If desired, V3 can provide these services as an Additional Service.

**PRELIMINARY PROJECT SCHEDULE**

Anticipated Notice to Proceed..... January 23, 2008  
Preliminary Plans..... March 28, 2008  
Receipt of Village Review Comments ..... April 18, 2008  
Final Contract Documents..... May 16, 2008

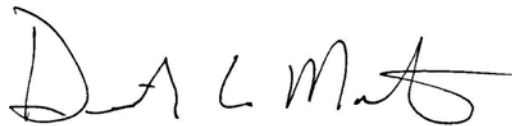
**MISCELLANEOUS CONTRACTUAL ITEMS**

V3 will initiate its services promptly upon receipt of CLIENT's acceptance of this proposal. If there are protracted delays for reasons beyond V3's control, an equitable adjustment of the above-noted compensation shall be negotiated taking into consideration the impact of such delay on the pay scale applicable to the period when V3 services are, in fact, being rendered.

We trust that this proposal meets your approval, and we appreciate the opportunity to work with you on this project.

This proposal, together with the Agreement represents the entire understanding between the CLIENT and V3. If terms are found to be satisfactory, please sign this in duplicate in the space provided below, and return one copy to our office as an indication of your acceptance and notice to proceed. If you have any questions, please call Derrick Martin at (630) 724-9200.

Respectfully,  
V3 COMPANIES OF ILLINOIS, LTD.



Derrick L. Martin, P.E., CFM  
Water Resources Group Manager

Accepted For:  
VILLAGE OF DOWNERS GROVE

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

DLM/lg  
Attachments  
cc: V3 File





# 2008-2012 CAPITAL PROJECT SHEET

Proj. #: DR-001

Project Description: Drainage Improvements - Brook Drive & Centre Circle

Project Lead: Jonathan C. Hall

Dept.: Public Works

Fund: 243

Program: 343

Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:			X		X			3

## BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	30,000						30,000
Land Acquisition							-
Infrastructure Improvements		500,000					500,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>30,000</b>	<b>500,000</b>	-	-	-	-	<b>530,000</b>
Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
243-Stormwater Improvement Fund ▼	30,000	500,000					530,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>30,000</b>	<b>500,000</b>	-	-	-	-	<b>530,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

This project will reduce flooding frequency and severity at the intersection of Brook Drive and Centre Circle. Approximately two times per year, street flooding of 3 to 4 feet in depth occurs at this location, which prevents access to approximately 10 to 12 businesses (including loading docks). Normally, the flooding recedes within 1 to 2 hours after the rainfall ends. There are a number of industrial / commercial properties and streets without detention that drain to this area.

**2. Describe the project status and completed work.**

No work has started. Project has been moved forward.

**3. Describe any anticipated grants related to the project.**

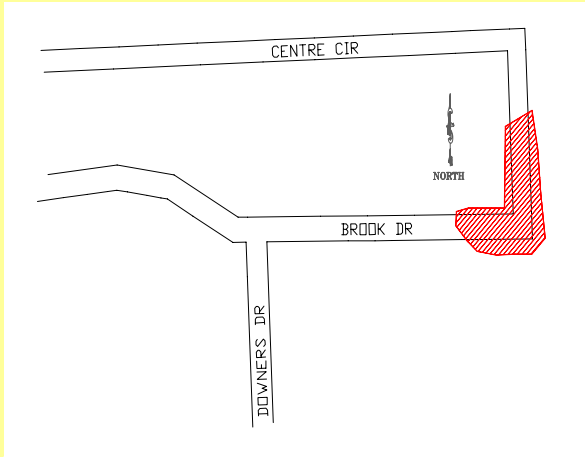
None

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

Replacement of storm sewers should reduce long-term maintenance costs.

**Map and/or pictures of Project/Project Area:**



# 2008-2012 CAPITAL PROJECT SHEET

Proj. #: SW-029

Project Description: Parrish Court Drainage Improvements (LA-D)

Project Lead: Michael D. Millette Dept.: Public Works

Fund: 243 Program: 343 Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:	X						X	1

## BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	8,000						8,000
Land Acquisition							-
Infrastructure Improvements	50,000						50,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>58,000</b>	-	-	-	-	-	<b>58,000</b>

Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
243-Stormwater Improvement Fund ▼	58,000						58,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>58,000</b>	-	-	-	-	-	<b>58,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

Improvements included in the Watershed Infrastructure Improvement Plan. This project involves catch basin and storm sewer replacements, including higher efficiency inlet grates.

**2. Describe the project status and completed work.**

New project in FY2008.

**3. Describe any anticipated grants related to the project.**

None

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

## 2008-2012 CAPITAL PROJECT SHEET

Proj. #: SW-030

Project Description: Storm Sewer Repl. - Venard & Acorn (LA-G)

Project Lead: Michael D. Millette Dept.: Public Works

Fund: 243 Program: 343 Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:	X						X	1

### BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	37,000						37,000
Land Acquisition							-
Infrastructure Improvements	420,000						420,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>457,000</b>	-	-	-	-	-	<b>457,000</b>

Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
243-Stormwater Improvement Fund ▼	457,000						457,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>457,000</b>	-	-	-	-	-	<b>457,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

Improvements included in the Watershed Infrastructure Improvement Plan. This project involves catch basin and storm sewer replacements, including higher efficiency inlet grates.

**2. Describe the project status and completed work.**

New project in FY2008.

**3. Describe any anticipated grants related to the project.**

None

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

**Map and/or pictures of Project/Project Area:**

## 2008-2012 CAPITAL PROJECT SHEET

Proj. #: SW-031

Project Description: Storm Sewer Repl. - Barneswood (Saratoga-Highland) (LA-G)

Project Lead: Michael D. Millette Dept.: Public Works

Fund: 243 Program: 343 Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:	X						X	1

### BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	10,000						10,000
Land Acquisition							-
Infrastructure Improvements	120,000						120,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>130,000</b>	-	-	-	-	-	<b>130,000</b>

Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
243-Stormwater Improvement Fund ▼	130,000						130,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>130,000</b>	-	-	-	-	-	<b>130,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

Improvements included in the Watershed Infrastructure Improvement Plan. This project involves catch basin and storm sewer replacements, including higher efficiency inlet grates.

**2. Describe the project status and completed work.**

New project in FY2008.

**3. Describe any anticipated grants related to the project.**

None

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

# 2008-2012 CAPITAL PROJECT SHEET

Proj. #: SW-007

Project Description: Watershed Improvements - Lacey, Sub G (Ret. Wall Repl.)

Project Lead: Michael D. Millette Dept.: Public Works

Fund: 243 Program: 343 Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	<b>OVERALL</b>
Rating:		<b>X</b>					<b>X</b>	<b>1</b>

## BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	150,000	100,000				1,500,000	1,750,000
Land Acquisition							-
Infrastructure Improvements		2,900,000				14,402,000	17,302,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>150,000</b>	<b>3,000,000</b>	-	-	-	<b>15,902,000</b>	<b>19,052,000</b>

Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
243-Stormwater Improvement Fund ▼	150,000	3,000,000				15,902,000	19,052,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>150,000</b>	<b>3,000,000</b>	-	-	-	<b>15,902,000</b>	<b>19,052,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

Improvements included in the Watershed Infrastructure Improvement Plan. This project includes the replacement of approximately 1,000 linear feet of wooden retaining walls which were not included in the Lacey Creek Restoration project completed in 2001. The replacement walls may be segmental block (e.g. Keystone) or textured / colored concrete. To save costs and restore the natural status of the stream corridor, elimination of the walls should be considered if adequate right-of-way or easement is available or obtainable.

**2. Describe the project status and completed work.**

No work has started. Construction estimate has been increased.

**3. Describe any anticipated grants related to the project.**

Participation by homeowner's associations and individual residents should be considered.

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

Barricading and inspection costs could be avoided.

**Map and/or pictures of Project/Project Area:**



**VILLAGE OF DOWNERS GROVE**  
**COUNCIL ACTION SUMMARY**

**INITIATED:** Director of Public Works **DATE:** January 22, 2008  
(Name)

**RECOMMENDATION FROM:** \_\_\_\_\_ **FILE REF:** \_\_\_\_\_  
(Board or Department)

**NATURE OF ACTION:**

**STEPS NEEDED TO IMPLEMENT ACTION:**

Ordinance

Resolution

Motion

Other

Motion to Adopt "A RESOLUTION AUTHORIZING EXECUTION OF THE PROFESSIONAL SERVICES AGREEMENTS BETWEEN THE VILLAGE OF DOWNERS GROVE AND V3 COMPANIES OF ILLINOIS, LTD.", as presented.

**SUMMARY OF ITEM:**

Adoption of the attached resolution shall authorize agreements between the Village of Downers Grove and V3 Companies of Illinois, Ltd. for certain watershed improvement projects.

**RECORD OF ACTION TAKEN:**

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