

VILLAGE OF DOWNERS GROVE
Report for the Village Council Meeting
10/10/2017

SUBJECT:	SUBMITTED BY:
A Contract for Design and Construction of a Portion of Brookbank Road and Associated Stormwater Facilities	Nan Newlon Director of Public Works

SYNOPSIS

A resolution has been prepared authorizing execution of an agreement between the Village of Downers Grove and V3 Companies of Illinois, Ltd., for design and permitting services and construction of a portion of Brookbank Road and associated stormwater facilities in the amount of \$603,488.

STRATEGIC PLAN ALIGNMENT

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

FISCAL IMPACT

The proposed FY18 Budget includes a total of \$835,000 for this project: \$485,000 in the Capital Fund, (Page 4-17, Line 20) for the construction of Brookbank Road and \$350,000 in the Stormwater Fund, (Page 4-21, Line 21) for stormwater improvements.

RECOMMENDATION

Approval on the October 10, 2017 consent agenda.

BACKGROUND

In 2010, the Village entered into a contract with V3 Companies of Illinois to prepare final engineering plans for the construction of the uncompleted section of Brookbank Road between 59th Street and 60th Place. Approximately 350 feet of unconstructed roadway exists allowing for one-way northbound traffic only. Detention and compensatory storage for the roadway project were to be constructed within an adjacent stormwater facility for the Bradley's Brookbank Subdivision, however, due to prior litigation associated with the roadway and subdivision project neither the final design nor construction was completed.

As part of the settlement agreement, the Village is responsible to construct the required detention, compensatory storage and the unimproved section of Brookbank Road. Due to their prior involvement with the project and the amount of work completed by V3 to date on this project staff requested a Design/Build contract for completion of the detention and compensatory storage requirements, along with the new roadway construction. This contract includes:

- Final engineering plans for the roadway
- Final engineering plans for the associated stormwater facility
- All required wetland and stormwater permitting

- Construction of the uncompleted section of roadway and associated stormwater facility

V3 anticipates the completion of the construction of the detention/compensatory storage improvements this year with road construction beginning in the spring of 2018.

V3 Companies of Illinois is pre-qualified to do perform Design/Build services for the Village. Based upon this, their understanding of the project, capability to perform the work, experience with similar projects, and proposed fee, staff recommends award of this contract for professional services and construction services to V3 Companies of Illinois. V3 Companies of Illinois has provided professional services for the Village in the past with satisfactory results including the Design/Build projects on Lacey Creek in 2015 and 2016.

ATTACHMENTS

Resolution

Agreement

Location Map

RESOLUTION NO. ____**A RESOLUTION AUTHORIZING EXECUTION OF AN
AGREEMENT BETWEEN THE VILLAGE OF DOWNERS GROVE
AND V3 COMPANIES OF ILLINOIS, LTD. REGARDING A STORMWATER PROJECT
AND ROAD CONSTRUCTION AT BROOKBANK ROAD**

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 a certain Agreement (the "Agreement"), between the Village of Downers Grove (the "Village") and V3 Companies of Illinois, Ltd. (the "Consultant"), for construction and design services for the Brookbank Prairie Subdivision, as set forth in the form of the Agreement submitted to this meeting with the recommendation of the Village Manager, is 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 Agreement, substantially in the form 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 Agreement.

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 5th day of October 2017 by and between V3 Companies ("Consultant") and the Village of Downers Grove, Illinois, an Illinois municipal corporation with offices at 801 Burlington Avenue, Downers Grove, Illinois 60515, ("Village").

WHEREAS, the Village wishes to retain the services of the Consultant to complete construction of the detention basin in the Brookbank Prairie Subdivision and to construct a portion of Brookbank Road; and

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

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

I. Scope of Services

See attached Proposal dated October 3, 2017 attached hereto and incorporated herein by reference as Exhibit B.

II. Term of Agreement

The term of this Agreement shall be until July 15, 2018 or until the services as set forth in Exhibit B have been completed, whichever shall occur first.

III. Compensation

A. Basic Fees:

Fees for these services shall not exceed Six Hundred Three Thousand Four Hundred Eighty-eight Dollars and No cents (\$603,488.00). Any additional work performed that will increase the agreement price in excess of this amount must be approved in writing by both parties.

B. Consultant Invoices:

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

C. Prompt Payment Act:

The Village will comply with the Local Government Prompt Payment Act, 50 ILCS 505/1 et seq., in that any bill approved for payment must be paid or the payment issued to the Consultant within 60 days of receipt of a proper bill or invoice. If

payment is not issued to the Consultant within this 60 day period, an interest penalty of 1.0% of any amount approved and unpaid shall be added for each month or fraction thereof after the end of this 60 day period, until final payment is made.

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

IV. General Terms and Conditions

A. Relationship Between the Consultant and the Village

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

B. Equal Employment Opportunity

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

1. That it will not discriminate against any employee or applicant for employment because of race, color religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
2. That, if it hires additional employees in order to perform this Agreement or any portion thereof, it will determine the availability (in accordance with the Department's Rules and Regulations) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable

discharge from military service.

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

C. Sexual Harassment

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

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

D. Drug Free Work Place

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

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

E. Non-Discrimination

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

specifically incorporated herein.

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

F. Campaign Disclosure Certificate

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

G. Patriot Act Compliance

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

H. Cooperation with FOIA Compliance

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

I. Copyright or Patent Infringement

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

J. Standard of Care

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

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

V. Insurance and Indemnification of the Village

A. Insurance

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

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

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

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

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

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

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

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

of the agreement between the Consultant and the Village.

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

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

B. Indemnification

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

VI. Miscellaneous Provisions

A. Termination

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

B. Governing Law

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

C. Successors and Assigns

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

D. Waiver of Contract Breach

The waiver by one party of any breach of this Agreement or the failure of one party to

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

E. Amendment

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

F. Severability of Invalid Provisions

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

G. 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.

H. 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**

V3 Companies
7325 Janes Ave.
Woodridge, IL 60517

I. Village Ordinances

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

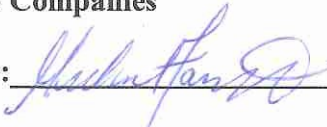
J. Use of Village's Name

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

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

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

V3 Companies

By: 

Title: Vice President / Director of Construction

Date: 10-5-2017

Village of Downers Grove

By: _____

Title: _____

Date: _____

Exhibit A
Campaign Disclosure Certificate

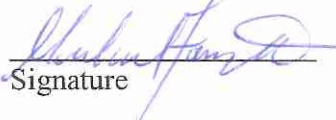
The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.

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

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

Under penalty of perjury, I declare:

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


Signature

Michael Famiglietti
Print Name

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

Print the following information:

Name of Contributor: _____
(company or individual)

To whom contribution was made: _____

Year contribution made: _____ Amount: \$ _____

Signature

Print Name



Exhibit B V3 Scope of Services and Fees

To:	Village of Downers Grove	Contact: John Welch
Address:	5101 Walnut Avenue	Phone: 630-434-5494
	Downers Grove, IL 60515	Email: jwelch@downers.us
Project Name:	Brookbank Road Design Build Proposal	Ref #: B17-174
Location:	Downers Grove, Illinois	Date: 10/3/2017
		Addenda: N/A

V3 Construction Group, Ltd. proposes to execute the following work:

1.00	SOFT COSTS, ENGINEERING & DESIGN	\$	32,000.00
2.00	ROADWAY CONSTRUCTION	\$	400,488.00
3.00	POND CONSTRUCTION	\$	171,000.00
BASE BID TOTAL \$			603,488.00

Project Notes:

- 1.0 This pricing is based on engineering plans by V3 Companies dated 2012 (no specific date) and subsurface exploration report performed by SEECO dated March 15, 2010.
- 2.0 The engineering scope assumes no direct wetland impacts and that the indirect wetland impact analysis is below the threshold requiring detailed modeling.
- 3.0 Engineering fees do not include geotechnical engineering, structural engineering, retaining wall design, landscaping design or lighting design.
- 4.0 The soil borings from the SEECO report show topsoil extending to depths exceeding 5-feet below existing ground surface and the moisture content of the soil exceeding 30%. This pricing includes a 2-foot undercut of poor soils and replacement with geo-fabric and CM-18 PGE.
- 5.0 This pricing includes CCDD sampling and testing. Pricing assumes all material is suitable for disposal at a CCDD facility. Any additional costs for Subtitle D landfill disposal as non-hazardous special waste will be paid for on force account basis. No allowances have been made for any hazardous material handling or disposal.
- 6.0 Site observations indicate isolated drainage issues throughout the roadway. Any additional curb & gutter removal & replacement / roadway patching required will be performed by others.
- 7.0 No sales tax is included for permanent materials. Village is expected to provide tax exempt certificate to V3.
- 8.0 This proposal specifically excludes: handling or disposal of hazardous materials or non-hazardous special waste material, rock excavation, and removal of buried debris or foundations.
- 9.0 Project schedule is anticipated to commence in late fall 2017 (November 1st - Dec. 25th) for construction of detention basin. Roadway construction is anticipated for spring 2018 (April 15th - July 15th).



To:	Village of Downers Grove	Contact:	John Welch
Address:	5101 Walnut Avenue	Phone:	630-434-5494
	Downers Grove, IL 60515	Email:	jwelch@downers.us
Project Name:	Brookbank Road Design Build Proposal	Ref #:	B17-174
Location:	Downers Grove, Illinois	Date:	10/3/2017
		Addenda:	N/A

1.00	SOFT COSTS, ENGINEERING & DESIGN	QUANTITY	UNIT	UNIT PRICE	TOTAL
1.10	ENGINEERING & SURVEY				
1.11	Engineering & Design	1.000	LSUM	\$ 3,000.00	\$ 3,000.00
1.12	Permitting	1.000	LSUM	\$ 15,000.00	\$ 15,000.00
1.13	Design Survey	1.000	LSUM	\$ 1,500.00	\$ 1,500.00
1.14	Pre-Construction Video	1.000	LSUM	\$ 750.00	\$ 750.00
1.20	SOILS TESTING				
1.21	CCDD Testing & Documentation	1.000	LSUM	\$ 9,600.00	\$ 9,600.00
1.22	Soil / Compaction Testing	1.000	LSUM	\$ 1,500.00	\$ 1,500.00
1.30	ADDITIONAL ITEMS				
1.31	Village Meetings	1.000	LSUM	\$ 650.00	\$ 650.00
SOFT COSTS, ENGINEERING & DESIGN SUBTOTAL:					\$ 32,000.00

2.00	ROADWAY CONSTRUCTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
2.10	GENERAL CONDITIONS				
2.11	Mobilization & Staging	1.000	LSUM	\$ 25,280.00	\$ 25,280.00
2.12	Perimeter Construction Limits Fence	1,200.000	LF	\$ 4.25	\$ 5,100.00
2.13	Construction Layout & As-Builts	1.000	LSUM	\$ 4,100.00	\$ 4,100.00
2.14	Traffic Control	1.000	LSUM	\$ 8,500.00	\$ 8,500.00
2.20	DEMOLITION & EROSION CONTROL				
2.21	Tree Clearing	1.000	LSUM	\$ 4,600.00	\$ 4,600.00
2.22	Full Depth Pavement Removal (10.00")	65.000	SY	\$ 16.00	\$ 1,040.00
2.23	Pavement Sawcut & Removal (12" Wide)	360.000	LF	\$ 8.50	\$ 3,060.00
2.24	Silt Fence Installation & Removal	1,200.000	LF	\$ 4.75	\$ 5,700.00
2.25	PCC Curb & Gutter Removal	480.000	LF	\$ 4.25	\$ 2,040.00
2.26	PCC Sidewalk Removal	730.000	SF	\$ 2.70	\$ 1,971.00
2.30	EARTH EXCAVATION & GRADING				
2.31	Earth Excavation to CCDD Disposal	485.000	CY	\$ 32.00	\$ 15,520.00
2.32	Undercut Excavation to CCDD Disposal (3.00')	1,880.000	CY	\$ 30.00	\$ 56,400.00
2.33	Install Geotechnical Fabric	1,880.000	SY	\$ 2.00	\$ 3,760.00
2.34	Install PGE to Subgrade	3,745.000	TON	\$ 32.00	\$ 119,840.00
2.35	Subgrade Proposed Roadway	1,400.000	SY	\$ 1.25	\$ 1,750.00
2.36	Backfill Curb & Gutter	1,830.000	LF	\$ 4.25	\$ 7,777.50
2.37	Topsoil Furnish & Place	140.000	CY	\$ 16.00	\$ 2,240.00
2.40	SITE UTILITIES				
2.41	Adjust Existing Drainage Structures (New F&G)	6.000	EACH	\$ 1,500.00	\$ 9,000.00
2.42	24" Dia. Catch Basin	2.000	EACH	\$ 3,000.00	\$ 6,000.00
2.43	15" RCP FES W/ Grate & Toe	1.000	EACH	\$ 2,509.00	\$ 2,509.00
2.44	15" RCP Storm Sewer	40.000	LF	\$ 100.00	\$ 4,000.00



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2.00	ROADWAY CONSTRUCTION (CONT.)	QUANTITY	UNIT	UNIT PRICE	TOTAL
2.50	ROADWAY PAVING				
2.51	Install 6" Aggregate Base Course	1,300.000	SY	\$ 9.25	\$ 12,025.00
2.52	Fine Grade Aggregate Base	1,300.000	SY	\$ 2.25	\$ 2,925.00
2.53	Install Curb Stone (6" CA-6)	1,350.000	LF	\$ 4.75	\$ 6,412.50
2.54	Install Bituminous Base Course (6.00")	270.000	TON	\$ 95.00	\$ 25,650.00
2.60	SITE CONCRETE				
2.61	PCC Sidewalk (5.00") W/ Agg. Base (4.00")	2,025.000	SF	\$ 8.00	\$ 16,200.00
2.62	PCC Curb & Gutter	1,347.000	LF	\$ 24.00	\$ 32,328.00
2.70	RESTORATION				
2.71	Salt Tolerant Sod Installation & Maintenance	1,230.000	SY	\$ 12.00	\$ 14,760.00
ROADWAY CONSTRUCTION SUBTOTAL:					\$ 400,488.00

3.00	POND CONSTRUCTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
3.10	GENERAL CONDITIONS				
3.11	Mobilization & Staging	1.000	LSUM	\$ 16,962.50	\$ 16,962.50
3.12	Perimeter Construction Limits Fence	860.000	LF	\$ 4.25	\$ 3,655.00
3.13	Construction Layout & As-Builts	1.000	LSUM	\$ 5,200.00	\$ 5,200.00
3.14	Preconstruction Video	1.000	LSUM	\$ 870.00	\$ 870.00
3.20	DEMOLITION & EROSION CONTROL				
3.21	Tree Clearing	1.000	LSUM	\$ 4,000.00	\$ 4,000.00
3.22	Silt Fence Installation & Removal	860.000	LF	\$ 4.75	\$ 4,085.00
3.23	Construction Entrance	250.000	SY	\$ 24.00	\$ 6,000.00
3.30	EARTH EXCAVATION & GRADING				
3.31	Topsoil Strip to Stockpile	1,270.000	CY	\$ 7.75	\$ 9,842.50
3.32	Clay Cut to CCDD Disposal	1,675.000	CY	\$ 34.00	\$ 56,950.00
3.33	Topsoil Stock to Respread	1,270.000	CY	\$ 10.00	\$ 12,700.00
3.34	Fine Grade / Subgrade Site	3,815.000	SY	\$ 2.00	\$ 7,630.00
3.40	NATIVE RESTORATION				
3.41	Seedbed Prep.	0.850	ACRE	\$ 8,400.00	\$ 7,140.00
3.42	Native Seeding Complete	2,420.000	SY	\$ 4.00	\$ 9,680.00
3.43	Plug Installation (6,000 / AC)	3,000.000	EACH	\$ 5.75	\$ 17,250.00
3.44	Turf Seeding Complete	0.350	ACRE	\$ 12,100.00	\$ 4,235.00
3.45	Maintenance, Monitoring & Reporting	3.000	YEAR	\$ 1,600.00	\$ 4,800.00
POND CONSTRUCTION SUBTOTAL:					\$ 171,000.00



Project Location Map – Brookbank Road