

**VILLAGE OF DOWNERS GROVE  
REPORT FOR THE VILLAGE COUNCIL MEETING  
SEPTEMBER 13, 2011 AGENDA**

<b>SUBJECT:</b>	<b>TYPE:</b>	<b>SUBMITTED BY:</b>
Knottingham Roadway Reconstruction and Water Main Replacement Improvements (ST-011 & WA-032)	Resolution Ordinance ✓ Motion Discussion Only	Nan Newlon, P.E. Director of Public Works

**SYNOPSIS**

A motion is requested to authorize award of a contract for professional services for the ST-011 and WA-032 Nottingham Roadway Reconstruction and Water Main Replacement Improvements to Robinson Engineering, Ltd. of Frankfort, Illinois in the amount of \$169,000.00.

**STRATEGIC PLAN ALIGNMENT**

The goals for 2011 to 2018 include *Top Quality Infrastructure*.

**FISCAL IMPACT**

The adopted FY11 General Fund budget includes \$250,000 for professional services for this project. To date, \$8,100 of this has been used for geotechnical investigation of the existing roadway conditions.

**RECOMMENDATION**

Approval on the September 20, 2011 consent agenda.

**BACKGROUND**

This contract is for design engineering services for the subject project. The scope of the project includes the reconstruction of the streets and the replacement of watermain within the Nottingham subdivision, including Queens Court, Rohrer Drive, Sherwood Court, Elizabeth Lane, Marie Drive, Nottingham Lane, and Cambridge Drive. This subdivision was built in the late 1970's with inadequate roadway drainage and utilized a pozzolonic road base. This material has a very poor performance history and deteriorates rapidly. The entire roadway system within Nottingham must be reconstructed. With the assistance of the consultant, Village staff will investigate potential traffic calming measures that might be incorporated with this reconstruction project. The water main in the Nottingham subdivision dates back to the 1970's and over the last few years has experienced numerous breaks. The water main is located under the pavement and will be replaced in conjunction with the proposed roadway reconstruction project to reduce maintenance costs.

Staff will create a comprehensive communications plan for this project and has included two public meeting presentations in the consultant's scope of work to discuss and take comments from residents about the planned work.

The Village posted a Request for Proposal for this contract in August 2011 and received fourteen (14) proposals. Staff recommends award of this contract for professional services to Robinson Engineering, Ltd. based on their approach and understanding of the project, their capability to perform the work, and their experience with similar projects in other municipalities. Robinson Engineering has completed successful roadway reconstruction combined with water main replacements within the Villages of Minooka, South Holland, and Manhattan.

**ATTACHMENTS**

Capital Project Sheets ST-011 & WA-032



## REQUEST FOR PROPOSAL (Professional Services)

**Name of Proposing Company:** Robinson Engineering, Ltd.

**Project Name:** Roadway Reconstruction, Knottingham  
**Proposal No.:** ST-011

**Proposal Due:** Wednesday, August 17, 2011 @ 10:00 A.M. – Public Works  
**Pre-Proposal Conference:** Not Required

**Required of Awarded Contractor:**

**Certificate of Insurance:** Yes

**Legal Advertisement Published:** Wednesday, August 3, 2011

This document consists of 26 pages.

Return **original, one duplicate copy, and an electronic copy** (.pdf) of proposal in a **sealed envelope** marked with the Proposal Number as noted above to:

SCOTT A VASKO, PE  
STAFF ENGINEER  
VILLAGE OF DOWNERS GROVE  
5101 WALNUT AVENUE  
DOWNERS GROVE, IL 60515  
PHONE: 630/434-6804  
FAX: 630/434-5495  
[www.downers.us](http://www.downers.us)

Village of Downers Grove

The VILLAGE OF DOWNERS GROVE will receive proposals Monday thru Friday, 8:00 A.M. to 5:00 P.M. at the Public Works Facility, 5101 Walnut Avenue, Downers Grove, IL 60515.

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

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

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

- I. REQUEST FOR PROPOSALS
- II. TERMS & CONDITIONS
- III. DETAILED SPECIFICATIONS
- IV. PROPOSAL/CONTRACT FORM

**DO NOT DETACH ANY PORTION OF THIS DOCUMENT. INVALIDATION COULD RESULT.** Proposers MUST submit an original, and 2 additional copies (one in electronic format) of the total proposal. Upon formal award of the proposal, this RFP document shall become the contract, the successful Proposer will receive a copy of the executed contract.

## **I. REQUEST FOR PROPOSALS**

### **1. GENERAL**

- 1.1 Proposals shall be submitted in an 8.5x11 format. They shall be succinct, and directly relevant to this project. Approximate number of pages shall be 20 (not including those within this document to be submitted). Double-sided printing is encouraged.
- 1.2 Notice is hereby given that Village of Downers Grove will receive sealed proposals up to **Wednesday, August 17, 2011 @ 10:00 A.M.**
- 1.3 Proposals must be received at the Village of Downers Grove by the time and date specified. Proposals received after the specified time and date will not be accepted and will be returned unopened to the Proposer.
- 1.4 Proposal forms shall be sent to the Village of Downers Grove, ATTN: SCOTT A VASKO, PE, in a sealed envelope marked "SEALED PROPOSAL". The envelope shall be marked with the name of the project, date, and time set for receipt of proposals.
- 1.5 All proposals must be submitted on the forms supplied by the Village and signed by a proper official of the company submitting proposal. Telephone, email and fax proposals will not be accepted.
- 1.6 By submitting this proposal, the proposer certifies under penalty of perjury that they have not acted in collusion with any other proposer or potential Proposer.

### **2. PREPARATION OF PROPOSAL**

- 2.1 It is the responsibility of the proposer to carefully examine the specifications and proposal documents and to be familiar with all of the requirements, stipulations, provisions, and conditions surrounding the proposed services. **DO NOT SUBMIT A PROPOSED CONTRACT. UPON ACCEPTANCE BY THE VILLAGE, THIS RFP DOCUMENT SHALL BECOME A BINDING CONTRACT.**
- 2.2 No oral or telephone interpretations of specifications shall be binding upon the Village. All requests for interpretations or clarifications shall be made in writing and received by the Village at least five (5) business days prior to the date set for receipt of proposals. All changes or interpretations of the specifications shall be made by the Village in a written addendum to our proposers of record.
- 2.3 In case of error in the extension of prices in the proposal, the hourly rate or unit price will govern. In case of discrepancy in the price between the written and numerical amounts, the written amount will govern.
- 2.4 All costs incurred in the preparation, submission, and/or presentation of any proposal including any proposer's travel or personal expenses shall be the sole responsibility of the proposer and will not be reimbursed by the Village.

2.5 The proposer hereby affirms and states that the prices quoted herein constitute the total cost to the Village for all work involved in the respective items and that this cost also includes all insurance, royalties, transportation charges, use of all tools and equipment, superintendence, overhead expense, all profits and all other work, services and conditions necessarily involved in the work to be done and materials to be furnished in accordance with the requirements of the Contract Documents considered severally and collectively.

**3. MODIFICATION OR WITHDRAWAL OF PROPOSALS**

3.1 A Proposal that is in the possession of the Village may be altered by a letter bearing the signature or name of the person authorized for submitting a proposal, provided that it is received prior to the time and date set for the proposal opening. Telephone, email or verbal alterations of a proposal will not be accepted.

3.2 A Proposal that is in the possession of the Village may be withdrawn by the proposer, up to the time set for the proposal opening, by a letter bearing the signature or name of the person authorized for submitting proposals. Proposals may not be withdrawn after the proposal opening and shall remain valid for a period of ninety (90) days from the date set for the proposal opening, unless otherwise specified.

**4. RESERVED RIGHTS**

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

## **II. TERMS AND CONDITIONS**

### **1. VILLAGE ORDINANCES**

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

### **2. USE OF VILLAGE'S NAME**

- 2.1 The proposer is specifically denied the right of using in any form or medium the name of the Village for public advertising unless express permission is granted by the Village.

### **3. INDEMNITY AND HOLD HARMLESS AGREEMENT**

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

### **4. NONDISCRIMINATION**

- 4.1 Proposer shall, as a party to a public contract:
  - 4.1.1 Refrain from unlawful discrimination in employment and undertake affirmative action to assure equality of employment opportunity and eliminate the effects of past discrimination;
  - 4.1.2 By submission of this proposal, the Proposer certifies that he is an "equal opportunity employer" as defined by Section 2000(e) of Chapter 21, Title 42, U.S. Code Annotated and Executive Orders #11136 and #11375, which are incorporated herein by reference. The Equal Opportunity clause, Section 6.1 of the Rules and Regulations of the Department of Human Rights of the State of Illinois, is a material part of any contract awarded on the basis of this proposal.
- 4.2 It is unlawful to discriminate on the basis of race, color, sex, national origin, ancestry, age, marital status, physical or mental handicap or unfavorable discharge for military service. Proposer shall comply with standards set forth in Title VII of the Civil Rights Act of 1964, 42 U.S.C. Secs. 2000 et seq., The Human Rights Act of the State of Illinois, 775 ILCS 5/1-101et. seq., and The Americans With Disabilities Act, 42 U.S.C. Secs. 12101 et. seq.

### **5. SEXUAL HARASSMENT POLICY**

- 5.1 The proposer, as a party to a public contract, shall have a written sexual harassment policy that:
  - 5.1.1 Notes the illegality of sexual harassment;
  - 5.1.2 Sets forth the State law definition of sexual harassment;
  - 5.1.3 Describes sexual harassment utilizing examples;
  - 5.1.4 Describes the Proposer's internal complaint process including penalties;
  - 5.1.5 Describes the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and how to contact these entities; and
  - 5.1.6 Describes the protection against retaliation afforded under the Illinois Human Rights Act.

**6. EQUAL EMPLOYMENT OPPORTUNITY**

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

- 6.1.1 That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, sexual orientation, sexual identity or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
- 6.1.2 That, if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability (in accordance with the Department's Rules and Regulations) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- 6.1.3 That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military services.
- 6.1.4 That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Proposer's obligations under the Illinois Human Rights Act and the Department's Rules and

Regulations. If any such labor organization or representative fails or refuses to cooperate with the Proposer in its efforts to comply with such Act and Rules and Regulations, the Proposer will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

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

**7. DRUG FREE WORK PLACE**

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

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

- 7.2 Establishing a drug free awareness program to inform employees about: (1) the dangers of drug abuse in the workplace; (2) the Village's or proposer's policy of maintaining a drug free workplace; (3) any available drug counseling, rehabilitation and employee assistance programs; (4) the penalties that may be imposed upon employees for drug violations.
- 7.3 Providing a copy of the statement required above to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the

workplace.

- 7.4 Notifying the contracting or granting agency within ten (10) days after receiving notice of any criminal drug statute conviction for a violation occurring in the workplace from an employee or otherwise receiving actual notice of such conviction.
- 7.5 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.
- 7.6 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.
- 7.7 Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

**8. PATRIOT ACT COMPLIANCE**

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

**9. INSURANCE REQUIREMENTS/INDEMNIFICATION**

- 9.1 The Proposer shall be required to obtain, from a company or companies lawfully authorized to do business in the jurisdiction in which the project is located, such general liability insurance which, at a minimum, will protect the Proposer from the types of claims set forth below which may arise out of or result from the Proposer’s operations under this agreement and for which the Proposer may legally liable:
  - 9.1.1 Claims under workers compensation, disability benefit and other similar employee benefit acts which are applicable to the operation to be performed;
  - 9.1.2 Claims for damages resulting from bodily injury, occupational sickness or disease, or death of the Proposer’s employees;
  - 9.1.3 Claims for damages resulting from bodily injury, sickness or disease, or death of any person other than the Proposer’s employees;

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- 9.1.4 Claims for damages insured by the usual personal injury liability coverage which are sustained: (1) by a person as a result of an offense directly or indirectly related to employment of such person by the Proposer, or (2) by another person;
- 9.1.5 Claims for damages, other than to the work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
- 9.1.6 Claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance or use of a motor vehicle;
- 9.1.7 Claims for damages as a result of professional or any other type of negligent action by the Proposer or failure to properly perform services under the scope of the agreement between the Proposer and the Village.
- 9.2 The Proposer shall demonstrate having insurance coverage for a minimum of \$2 million for professional liability (errors and omissions).
- 9.3 As evidence of said coverages, Proposer shall provide the Village with certificates of insurance naming the Village of Downers Grove as an additional insured and include a provision for cancellation only upon at least 30 days prior notice to the Village.
- 9.4 In addition to required insurance coverages, the Proposer 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 Proposer or any sub-Proposer to the Proposer under the Proposer's agreement with the Village.
- 10. CAMPAIGN DISCLOSURE**
- 10.1 Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed Campaign Disclosure Certificate, attached hereto.
- 10.2 The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.
- 10.3 Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.
- 10.4 By signing the bid documents, contractor/proposer/Proposer/vendor agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a

member of the Downers Grove Village Council.

**11. SUBLETTING OF CONTRACT**

11.1 No contract awarded by the Village shall be assigned or any part sub-contracted without the written consent of the Village Manager. In no case shall such consent relieve the Awarded Proposer from their obligation or change the terms of the contract.

**12. TERM OF CONTRACT**

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

**13. TERMINATION OF CONTRACT**

13.1 In the event of the Proposer'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 to the Proposer. The Village will pay the Proposer's costs actually incurred as of the date of receipt of notice of default. Upon termination, the Proposer will deliver all documents and products of whatever kind, and their reproducible originals related to the project, which have been produced to the date of the notice of default.

**14. BILLING & PAYMENT PROCEDURES**

14.1 Payment will be made upon receipt of an invoice referencing Village purchase order number. Once an invoice and receipt of materials or service have been verified, the invoice will be processed for payment in accordance with the Village payment schedule. The Village will comply with the Local Government Prompt Payment Act, 50 ILCS 505/1 et seq., in that any bill approved for payment must be paid or the payment issued to the Proposer within 60 days of receipt of a proper bill or invoice. If payment is not issued to the Proposer within this 60 day period, an interest penalty of 1.0% of any amount approved and unpaid shall be added for each month or fraction thereof after the end of this 60 day period, until final payment is made.

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

14.3 Please send all invoices to the attention of Scott A Vasko, PE, Downers Grove Public Works, 5101 Walnut Avenue, Downers Grove, IL 60515.

**15. RELATIONSHIP BETWEEN THE PROPOSER AND THE VILLAGE**

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

**16. STANDARD OF CARE**

- 16.1 Services performed by Proposer under this Contract will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representations express or implied, and no warranty or guarantee is included or intended in this Contract, or in any report, opinions, and documents or otherwise.
- 16.2 If the Proposer fails to meet the foregoing standard, Proposer will perform at its own cost, and without reimbursement from the Village, the professional services necessary to correct errors and omissions caused by Proposer's failure to comply with the above standard and reported to Proposer within one (1) year from the completion of Proposer's services for the Project.
- 16.3 For Professional Service Agreements (i.e. Engineer, Proposer): Project site visits by Proposer during construction or equipment installation or the furnishing of Project representatives shall not make Proposer responsible for: (i) construction means, methods, techniques, sequences or procedures; (ii) for construction safety precautions or programs; or (iii) for any construction contractor(s') failure to perform its work in accordance with contract documents.

**17. GOVERNING LAW**

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

**18. SUCCESSORS AND ASSIGNS**

- 18.1 The terms of this Contract will be binding upon and inure to the benefit of the parties and their respective successors and assigns; provided, however, that neither party will assign this Contract in whole or in part without the prior written approval of the other. The Proposer will provide a list of key staff, titles, responsibilities, and contact information to include all expected subcontractors.

**19. WAIVER OF CONTRACT BREACH**

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

**20. AMENDMENT**

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

**21. NOT TO EXCEED CONTRACT**

- 21.1 The contract price is a "not-to-exceed" cost. At any time additional work is necessary or requested, and the not-to-exceed price is increased thereby, any change, addition or price

increase must be agreed to in writing by all parties in the same manner by which the original contract was approved.

**22. SEVERABILITY OF INVALID PROVISIONS**

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

**23. NOTICE**

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

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

And to the Proposer as designated in the Contract Form.

**24. COOPERATION WITH FOIA COMPLIANCE**

24.1 Contractor acknowledges that the Freedom of Information Act may apply to public records in possession of the Contractor or a subcontractor. Contractor and all of its subcontractors shall cooperate with the Village in its efforts to comply with the Freedom of Information Act . 5 ILCS 140/1 et.seq.

### **III. DETAIL SPECIFICATIONS**

#### **1. SCOPE OF SERVICES/DELIVERABLES**

1.1 The firm selected by the Village pursuant to this RFP is not authorized to perform work for the Village until a fully executed and authorized Professional Services Agreement is in place.

#### 1.2 Project Description

The project will consist of roadway reconstruction and water main replacement within the Knottingham subdivision. This subdivision was built in the late 1970's and utilized a pozzolonic base. This material has a very poor performance history and deteriorates rapidly. It is anticipated that the entire roadway system within Knottingham must be reconstructed. A geotechnical investigation of the existing pavement section and sub-base materials is currently underway, and will be made available to the successful proposer. All of the existing water main will be abandoned in place and replaced with new 8" water main. (See attached location map.)

#### 1.3 Scope and Schedule

The Consultant will be required to perform all necessary work required to prepare the plan set, specifications, Special Provisions, and cost estimate which includes the following:

- a. All topographic information acquired as necessary to support the constructible plan set. The topographic survey shall be performed by an Illinois-licensed surveyor and shall include:
  - Right-of-way monumentation recovered shall be clearly indicated on the plan sheets. The establishing of missing monumentation (property corners) is NOT required.
  - Reference lines parallel to right-of-way lines. Base lines stationing south to north and west to east.
  - Setting sufficient permanent control points ("PK" nails are acceptable) on the base line at 100 foot intervals which can be used to lay out construction stakes.
  - Using NGVD 29 for Vertical Datum and USGS NAD 83 for Horizontal Datum.
  - Copies of all field notes and 3D electronic base maps of the identified segments in AutoCAD 2007 (including all shapefiles and linetypes) supplied to the Village.
  - Field locations (horizontal dimensions) of all buried/marked utilities; i.e., gas, electrical and telephone, water main, sanitary sewers and storm sewers. No digging for elevation verification of utilities will be required.
  - Detailed topography with one-foot contour intervals throughout the described project area, with elevations noted for key changes in grade, as well as high or low points between contours of the same elevation.
  - Locations and identification of all above ground structures; i.e., mailboxes, utility poles, driveways, culvert headwalls, culverts, sidewalks, sump pump outlets, etc.
  - Locations of all landscape materials; i.e., bushes, trees (2" diameter and larger), flower beds, etc. Tree sizes (2" diameter and larger) shall be measured four and one-half feet (diameter breast height) above the highest ground level at base of tree. Note locations of landscape timbers, flagstone paths or walls, brick pavers, etc.

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- Utilization of IDOT standard drafting symbols and line weights, and indicating lot line intersections, lot numbers and common addresses.
  - Plotting contour lines throughout the project with high points or low points indicated between similar contours.
  - Base drawings showing rim and invert elevations, pipe and conduit sizes of all culverts, manholes, inlets, valve vaults, etc., and elevations of roadway and driveway pavement over culverts. Information shall be tied with a leader to each referenced structure, not in a table format.
- b. Final Plans shall include:
- Cover Sheet
  - General Notes and Summary of Quantities
  - Earthwork Schedule
  - Typical Sections and Construction Details
  - Alignment, Ties and Benchmarks
  - Grading Plan (1" = 20')
  - Storm Sewer Plan and Profile
  - Sediment Erosion, Sediment Control Plan (1" = 20')
  - Landscape Plans (1" = 20')
  - Cross-Sections (every 50' and at other critical locations)
  - Any other plans as may be required to complete the work
- c. Cost estimate for final, Village-accepted improvement.
- d. Specifications and Special Provisions for any/all work items included in the final design plans, to be used in conjunction with the IDOT Standard Specifications for Road and Bridge Construction (SSRBC), and the Village's boilerplate contract documents.
- e. Permit Submittals - Application for any required permits (i.e. Railroad, IEPA, IDOT, DuPage County Stormwater Management, etc.) and coordination with all applicable agencies. The selected firm (Consultant) will be required to perform all necessary work required to secure a stormwater permit from the Village of Downers Grove (as a complete waiver community), and the IEPA for Water Supply. The Village does not anticipate the need for any additional permits. However, the Consultant must review the scope of the project and determine if any additional permits are necessary, and must include same in the proposal. All necessary permitting will be the responsibility of the Consultant unless specifically excluded in this RFP.
- f. The Consultant will be required to make qualified personnel available to answer questions throughout the bidding and construction process. Village Staff will prepare bid documents (with the exception of special provisions and specifications as may be required, which will be provided by Consultant), and will perform all bidding duties. Village Staff will also perform, or contract separately for, all construction administration and construction observation. Any additional material testing or sub-surface investigations will be procured by the Village.

- g. The Consultant shall furnish to the Village all project drawings, files, notes, calculations, survey data and documents in an electronic format on CDs suitable for making prints and copies of reports as required in above, all of which shall become the property of the Village for its use in the preparation of construction documents for the chosen alternative.
- h. The Proposer shall begin work on the project within seven (7) calendar days after receipt of the Notice to Proceed from the Village and shall abide by the deliverable schedule in section 4 of this RFP.

## **2. QUALIFICATIONS REQUIRED**

2.1 The prospective Firms must have particular expertise in municipal residential roadway reconstruction and water main design in order to fully and properly act on the Village's behalf in all activities related to design, permitting and construction of the projects. These Firms must have in-house design capabilities and have a staffed office located within 150 miles of the Village. In order to be considered for these projects, interested Firms must submit the following information (if sub-consultants/contractors are proposed, similar detailed information must be provided for each entity):

- Company Background
  - i. Number of years in business
  - ii. Officers of Company
  - iii. Annual Volume of Similar Work
  - iv. Current Capacity
  - v. Listing of existing suits, claims, or pending judgments
- Services Provided In-House
  - vi. Design Services
  - vii. Construction Services (Include applicable equipment list)
- Similar Project Experience
  - viii. Provide detailed information regarding three (3) similar projects performed by the submitting firm within the past five (5) years. Include client contact information for all projects
- Proposed Project Team – identify a project manager with qualifications. The individuals proposed must be utilized on all Village projects unless an alternate is approved in writing by the Village.

## **3. PROPOSAL REQUIREMENTS**

### **3.1 Quantity and Format**

One original and two copies of the statement of proposal (one copy to be in the form of a .pdf file on a CD) shall be submitted in an 8 ½ x 11 format and be organized as follows:

- Cover Letter (optional)
- Project Understanding/Approach
- Firm Qualifications and Experience (Project Data Sheets)
- Key Staff Resumes
- Project Organizational Chart

- Proposed project schedule
- “Not to Exceed” Fee Proposal w/hourly breakdown.

The proposals shall be succinct, and directly relevant to this project. Maximum number of pages for consultant generated proposal information shall be 20 single sided or 10 double sided. Double sided printing is allowable and encouraged. Only those persons planned to be directly involved with this project should be included. Also, please identify the physical location of the project team members.

### 3.2 Deadline and Proposal Disposition

Complete, sealed proposals shall be due NOT LATER than 10:00 A.M. on August 17, 2011. Proposals shall become the property of the Village of Downers Grove. The Village will maintain confidentiality of all received proposals, and not disclose information provided by prospective consultants with any other consultant, nor with the selected Consultant, unless otherwise required to be disclosed pursuant to the Freedom of Information Act.

### 3.3 Fee Proposal

The Village of Downers Grove prefers the method of compensation for professional services to be based on hourly-charged personnel rates plus expenses, with a Total “Not To Exceed” cost.

Please submit an estimate of hourly personnel requirements to complete the scope of services outlined in your proposal, a list of current hourly rates and a total “Not To Exceed” cost for providing the proposed services to the Village. This “Not To Exceed” cost shall include deliverables and reimbursable expenses, such as postage, delivery service, printing, etc. The Village shall be invoiced monthly. **Additional compensation above and beyond the “Not to Exceed” cost (i.e. change orders) will not be considered without a significant change in project scope.**

### 3.4 Consultant Selection

Consultant Selection will be based on the following:

- Qualifications of firm as set forth in section 2.1
- Approach to organizing and understanding of the project
- Responsiveness to requirements, terms, timeliness and conditions for performance of the project
- Familiarity with Village of Downers Grove policies and preferences
- Recognition of items related to project, including identification of design elements, and processes that will ultimately result in a quality, streamlined project
- Overall Not-to-Exceed Total Cost

### 3.5 Pre-Proposal Field Review

Prior to submitting a Proposal, each prospective Proposer shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of this project and to verify any representations made by the Village upon which the Proposer will rely. These investigations shall be limited to public property only. The monetary expenses incurred as a result of conducting these investigations shall be borne

by the prospective Proposer and shall not be the responsibility of the Village.

#### **4. PROJECT DELIVERABLES**

##### **4.1 General**

The Consultant shall provide the following deliverables not later than the time specified:

- Constructible plans, specifications, special provisions, and cost estimates for Village-accepted improvement shall be provided to the Village, for its use, in a digital format approved by the Village. Plans shall be provided in AutoCAD format (2007 or later), and as .pdf documents. The cost estimates shall be in Excel format. Specifications shall be word format. CAD drawings must be created using legitimate AutoCAD software (by Autodesk) and must not be converted from another format or CAD software (e.g. no MicroStation conversions) unless specifically approved in writing by the Assistant Director of Public Works – Engineering. In the event that the Village does allow a drawing conversion, any “clean up” required will be provided by Consultant at no additional cost to the Village, and shall be at the discretion of the Village staff.

##### **4.2 Deliverable Quantities**

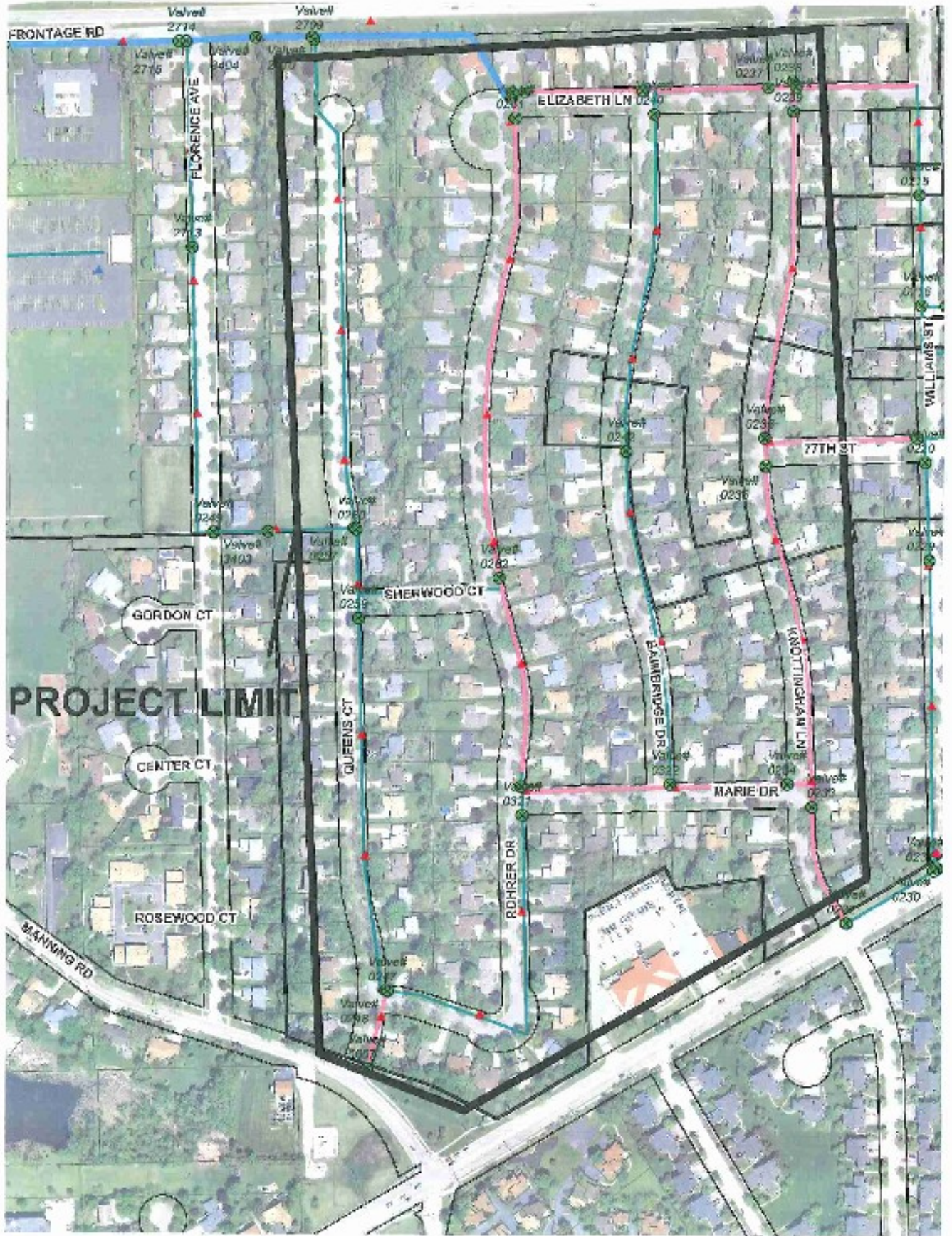
- Four (4) 1-hour project coordination meetings at Public Works including kick off meeting, and progress meetings at 50%, 90% and 100% submittals.
- Two (2) 2-hour public meetings at Public Works or an alternate location within the Village.
- One (1) hard copy and (1) electronic copy of 50% plan set Due October 24, 2011
- One (1) hard copy and (1) electronic copy of 90% plan set Due November 21, 2011
- One (1) hard copy and (1) electronic copy of 100% plan set Due January 30, 2012
- One (1) CD containing electronic copies of all Final project files, drawings and any supporting documentation compatible with the programs listed above

#### **5. CONTACTS**

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

Scott A Vasko, PE  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, Illinois 60515  
Phone 630-434-6804  
Fax 630-434-5495

Village of Downers Grove



**IV. PROPOSER'S RESPONSE TO RFP (Professional Services)**

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

## PROFESSIONAL ENGINEERING SERVICES

CONTENTS	SECTION NO.
Cover Letter	
Company Profile	1
Project Approach & Understanding	2
Firm Qualifications & Experience	3
Project Team	4
Team Summary & Organizational Chart	
Team Resumes	
Project Schedule & Cost Proposal	5
Required Documents	A



AARON E. FUNDICH, PE  
Direct (815) 412-2701  
afundich@reltd.com

August 16, 2011

Scott A. Vasko, PE  
Staff Engineer  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, IL 60515

**RE: Request for Proposal  
Roadway Reconstruction & Water Main Improvements – Knottingham Subdivision (ST-011)**

Dear Mr. Vasko,

Robinson Engineering, Ltd. is pleased to present this proposal to design engineering services on behalf of the Village of Downers Grove for the roadway reconstruction and water main replacement project within the Knottingham Subdivision. The scope of work being considered is well-suited to the core municipal engineering strengths of our firm; we believe you will see from our proposal that we have considerable expertise and decades of experience with exactly this type of work.

As your engineering professional, we consider the successful completion of your project as our primary goal, and will focus our resources to achieve your satisfaction. Our technical expertise in all facets of municipal engineering is highlighted by our nearly 75 years of dedication to Illinois municipalities, counties and state agencies. We believe our ingrained municipal focus will prove especially beneficial to Downers Grove for the Knottingham Subdivision improvements due to the direct and immediate impacts that critical details of the project will have on so many residents.

Our proposed project management approach for the improvements is outlined in our statement of qualifications, along with discussions regarding our project approach, team, and relevant project experience. While our firm is new to Downers Grove, we believe that our ability to quickly develop mutually respected professional relationships based on trust is evident based on our recent appointment to several new client communities as their municipal engineers during the past few years.

As municipal engineers serving nearly 50 communities in northeastern Illinois and northwest Indiana, including 23 continuously for over 40 years, we have a unique familiarity with all types of municipal engineering, planning and funding issues. Over the past five years, we have successfully guided client communities in all phases of over 2,000 municipal projects exceeding \$500 million in capital improvements, including feasibility studies, cost-effective analyses, rehabilitation of municipal infrastructure systems, designs, funding, regulatory agency compliance, bid proposal reviews, construction supervision, and contract administration.

Currently, our two closest (and largest) offices are located in Frankfort and South Holland, each a 40-minute drive from Downer Grove. We will not bill the Village for travel time for any project that we would be awarded. We also find the following aspects of our company philosophy beneficial to our clients:

- We do not charge for many miscellaneous services such as telephone calls, additional sets of plans, travel time or assistance with minor problems which may arise unrelated to the project.
- We always strive to provide a level of service exceeding written project requirements, including additional analyses as may be requested, quality of plans, reports and exhibits, etc.
- In the case of an emergency, we are capable of having appropriate personnel at the project site within 30 minutes, without a premium charge.

If selected for this project, Robinson Engineering, Ltd. will assign a licensed professional engineer to serve as our primary community liaison for the project. Since we have limited reliance on sub-consultants, we have the ability to exercise all necessary project controls to ensure that the project is performed to the highest performance standards, in accordance with the desired timeframe, and within the specified budget.

We thank you for the opportunity to submit our qualifications, and look forward to meeting with you to discuss how Robinson Engineering, Ltd. can assist the Village of Downer Grove in meeting your objectives on this project. Please do not hesitate to contact me at your convenience with any questions you may have.

Very truly yours,

**ROBINSON ENGINEERING, LTD.**



Aaron E. Fundich, PE  
Executive Vice President  
AEF:pc



VAN CALOMBARIS, PE  
Direct (815) 412-2014  
vcalombaris@reltd.com

August 25, 2011

Scott A. Vasko, PE  
Staff Engineer  
Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, IL 60515

**RE: Request for Proposal – Supplemental Information  
Roadway Reconstruction & Water Main Improvements – Nottingham Subdivision (ST-011)**

Dear Mr. Vasko:

Per our phone conversation today, please let this serve as a supplement to our firm's response to the RFP for the above referenced improvement. We offer the following comments to the questions that were raised:

- In relation to Section 1.3.f: Our office will provide qualified personnel to answer any questions that may arise throughout the bidding and construction process. This is a standard service that Robinson Engineering provides.
- In relation to Section 2.1. Annual Volume of Similar Work: Please see the two attached spreadsheets which summarize similar water main and roadway reconstruction projects that our firm has completed on an annual basis from 2005-2010.
- In relation to Section 2.1.Current Capacity: Please see the attached IDOT Pre-Qualification which indicates our firm's total annual transportation fee capacity of \$20,800,000. Our fee for the Nottingham Subdivision improvements is approximately 0.75% of this total.
- Also attached please find a copy of our firm's listing of professional registrations and certifications to assist you in verifying that we have available staff to complete the project within the timeframe desired by the Village.

Should you have any questions or require further information, feel free to contact either Aaron Fundich or myself.

Very truly yours,

**ROBINSON ENGINEERING, LTD.**

A handwritten signature in black ink, appearing to read "Van Calombaris", with a long, sweeping underline.

Van Calombaris, PE  
Senior Project Manager  
vc:pc  
Encl.

10045 W. Lincoln Highway ◊ Frankfort, IL 60423-1272 ◊ (815) 806-0300 ◊ Fax (815) 806-0301 ◊ www.reltd.com

## MFT Funded Design and Construction Projects

Year	Municipality	MFT Project	Construction	Fee	Reference	Phone
2005	Village of South Holland	SH 2006 Street Resurfacing	\$ 6,560,071	\$ 703,801	Knittle, Frank	(708) 210-2900
2005	Will County Highway Department	WC 191st Street Construction Observation	\$ 2,938,268	\$ 240,938	Gould, Bruce	(815) 727-8476
2005	Village of Peotone	PT Rathje Road Phase II Engineering	\$ 1,842,115	\$ 115,798	Werner, Donna	(708) 258-3279
2005	Village of Tinley Park	TP 2005 MFT Roadway Maintenance Program	\$ 1,424,427	\$ 157,404	Schepers, Dale	(708) 444-5000
2005	City of Calumet City	CC Marble Street Development-PO #12868	\$ 1,130,687	\$ 40,743	Dooley, Gloria	(708) 891-8116
2005	Village of Alsip	AL Prairie View Subdivision	\$ 441,488	\$ 53,622	Palumbo, Greg	(708) 385-6902
2005	Village of Frankfort	2005 Street Resurfacing Program	\$ 428,552	\$ 29,999	Kestel, Terry	(815) 469-2177
2005	Village of Sauk Village	SV 2005 MFT Sidewalk Replacement	\$ 363,924	\$ 1,228	Towers, Lewis	(708) 758-3330
2005	City of Hickory Hills	HH 2005 MFT 05-00000-00, 01-GM	\$ 345,822	\$ 44,319	Rice, Regan	(708) 598-7855
2005	City of Chicago Heights	CH 2005 MFT Various Street & Coolidge	\$ 330,562	\$ 37,785	Fares, Matt	(708) 756-5315
2005	City of Chicago Heights	CH 2005 Second MFT Program	\$ 306,771	\$ 33,571	Fares, Matt	(708) 756-5315
2005	Village of Sauk Village	SV 2005 MFT/CDBG Street Resurfacing	\$ 259,911	\$ 33,113	Towers, Lewis	(708) 758-3330
2005	City of Harvey	HV 2005 CDBG Resurfacing-#04-023	\$ 251,299	\$ 24,426	Hardemon, Rhonda	(708) 210-5356
2005	Village of Midlothian	MI 2005-2006 MFT Maintenance Resurfacing	\$ 213,024	\$ 28,262	Stephens, Terrence M.	(708) 389-0200
2005	City of Chicago Heights	CH 2005 MFT Sidewalk Program	\$ 190,139	\$ 20,435	Fares, Matt	(708) 756-5315
2005	Village of Alsip	AL MFT Misc Resurfacing-05-00000-01-GM	\$ 147,706	\$ 17,980	Palumbo, Greg	(708) 385-6902
2005	Village of Burnham	BR 2005 MFT-Street Resurfacing	\$ 140,816	\$ 15,474	Thomas, June	(708) 862-9150
2005	Village of Midlothian	MI 2005-2006 MFT Maint, Sidewalk R & R	\$ 101,196	\$ 5,060	Stephens, Terrence M.	(708) 389-0200
2005	Village of East Hazel Crest	EHC 2005 MFT Street Maintenance	\$ 42,612	\$ 6,557	Lazuka, Patricia	(708) 798-0213
2005	Village of Worth	WO MFT Street Maintenance-Contracts	\$ 24,110	\$ 8,831	Demonbraun, Wayne	(708) 448-1181
2005	Village of Calumet Park	CP 2004-2005 MFT Maintenance Program	\$ 20,120	\$ 1,736	DuPar, Joseph	(708) 389-0850
2005	Village of Romeoville	RV FY06 MFT Street Lights	\$ 3,406	\$ 12,309	Bromberek, Dan	(815) 886-7200
<b>2005 Total</b>			<b>\$ 17,507,025</b>	<b>\$ 1,633,391</b>		
2006	City of Calumet City	CC 2006 MFT Traffic Signal Maint	\$ 37,919	\$ 462	Dooley, Gloria	(708) 891-8116
2006	City of Calumet City	CC 2006 MFT St Light Maint-PO #16243	\$ 97,410	\$ 871	Dooley, Gloria	(708) 891-8116
2006	City of Calumet City	CC 2006 MFT Sidewalk Program-PO #16240	\$ 120,000	\$ 28,564	Dooley, Gloria	(708) 891-8116
2006	Village of Tinley Park	TP 2006 Pavement Management Program	\$ 1,463,426	\$ 140,025	Schepers, Dale	(708) 444-5000
2006	City of Chicago Heights	CH Sidewalk Removal & Replacement	\$ 208,870	\$ 23,505	Fares, Matt	(708) 756-5307
2006	Village of Sauk Village	SV 2006 MFT Resurfacing	\$ 157,753	\$ 40,465	Towers, Lewis	(708) 758-3330
2006	Village of Frankfort	2006 Street Resurfacing Program	\$ 674,394	\$ 47,208	Terry Kestel	(815) 469-2177
2006	City of Harvey	HV 05-05 MFT Street Sweeping	\$ 59,170	\$ 2,959	Fisher, Rufus	(708) 210-5300x372
2006	Village of Burnham	BR 2006 M.F.T. Street Resurfacing	\$ 101,235	\$ 16,320	Thomas, June	(708) 862-9150
2006	City of Hickory Hills	HH 2006 Miscellaneous Resurfacing	\$ 361,339	\$ 40,295	Rice, Regan	(708) 598-7855
2006	Village of East Hazel Crest	EH 2006 MFT Street Maintenance	\$ 11,771	\$ 3,885	Lazuka, Patricia	(708) 798-0213
2006	Village of Alsip	AL MFT 2006 Miscellaneous Resurfacing	\$ 442,338	\$ 51,098	Palumbo, Greg	(708) 385-6902
2006	Village of Lansing	LN 2005 MFT Maintenance	\$ 426,668	\$ 63,882	Eidam, Patty	(708) 895-7200
2006	Village of Minooka	MNK 2006 MFT Program	\$ 240,549	\$ 28,172	Buckley, Donna	(815) 467-2151
2006	Village of Lynwood	LY 2005-2006 MFT Maintenance Program	\$ 66,001	\$ 10,095	Office, Treasurer's	(708) 758-6101
2006	Village of Romeoville	RV Airport Road Construction Phase 3 & 4	\$ 1,687,257	\$ 104,961	Bromberek, Dan	(815) 886-7200
2006	Village of Tinley Park	TP 175th Street/Ridgeland Ave/Oak Forest	\$ 3,444,483	\$ 191,490	Schepers, Dale	(708) 444-5000
<b>2006 Total</b>			<b>\$ 9,600,583</b>	<b>\$ 794,257</b>		
2007	City of Calumet City	CC MFT 2007 Street Resurfacing	\$ 1,214,077	\$ 30,352	Dooley, Gloria	(708) 891-8116
2007	City of Calumet City	CC 2006 Street Resurfacing	\$ 177,445	\$ 27,056	Dooley, Gloria	(708) 891-8116
2007	City of Calumet City	CC Street Sweeping/Leaf Pick-Up Program	\$ 31,250	\$ 1,750	Dooley, Gloria	(708) 891-8116
2007	Village of Frankfort	2007 Street Resurfacing Program	\$ 567,617	\$ 39,733	Kestel, Terry	(815) 469-2177
2007	City of Calumet City	CC 2006 Street Resurfacing-PO #19793	\$ 1,158,621	\$ 89,713	Dooley, Gloria	(708) 891-8116
2007	Village of Tinley Park	TP 2007 Pavement Management Program	\$ 2,424,537	\$ 182,155	Schepers, Dale	(708) 444-5000
2007	City of Chicago Heights	CH MFT Program	\$ 154,047	\$ 22,484	Fares, Matt	(708) 756-5307
2007	City of Chicago Heights	CH MFT Resurfacing	\$ 122,416	\$ 14,778	Fares, Matt	(708) 756-5307
2007	Village of Sauk Village	SV Street Sweeping Program	\$ 22,841	\$ 1,164	Towers, Lewis	(708) 758-3330
2007	Village of Sauk Village	SV 2007 MFT/CDBG Street Resurfacing	\$ 95,921	\$ 11,000	Towers, Lewis	(708) 758-3330
2007	City of Blue Island	BI Sidewalk Removal & Replacement	\$ 460,273	\$ 52,822	Anastasia, Mike	(708) 396-7074
2007	City of Hickory Hills	HH 2007 Miscellaneous Resurfacing	\$ 552,172	\$ 58,683	Rice, Regan	(708) 598-7855
2007	Village of Alsip	AL 2007 Miscellaneous Resurfacing	\$ 461,796	\$ 51,429	Palumbo, Greg	(708) 385-6902
2007	Village of Midlothian	MI 2005-2006 MFT Maintenance Resurfacing	\$ 243,537	\$ 29,733	Stephens, Terrence M.	(708) 389-0200
2007	Village of Midlothian	MI 2006-2007 MFT Maintenance Sidewalk R	\$ 99,985	\$ 4,499	Stephens, Terrence M.	(708) 389-0200
2007	Village of Lansing	LN 2006 MFT Maintenance	\$ 157,764	\$ 45,420	Eidam, Patty	(708) 895-7200
2007	Village of Minooka	MNK 2007 MFT Maintenance Program	\$ 415,788	\$ 33,177	Buckley, Donna	(815) 467-2151
2007	Village of Minooka	MNK 2007 Non-MFT Maintenance Items	\$ 80,150	\$ 15,352	Buckley, Donna	(815) 467-2151
2007	Village of Lynwood	LY 2006-2007 MFT Maintenance Program	\$ 171,360	\$ 23,228	Office, Treasurer's	(708) 758-6101
2007	Village of Burnham	BR 2006-2007 Burnham MFT	\$ 172,678	\$ 16,251	Thomas, June	(708) 862-9150
2007	City of Calumet City	CC CDBG 2007-Wilson Ave from Superior to	\$ 54,228	\$ 9,974	Dooley, Gloria	(708) 891-8116
<b>2007 Total</b>			<b>\$ 8,838,503</b>	<b>\$ 760,753</b>		

## MFT Funded Design and Construction Projects

Year	Municipality	MFT Project	Construction	Fee	Reference	Phone
2008	City of Calumet City	CC MFT 2008 Street Resurfacing	\$ 135,545	\$ 56,809	Dooley, Gloria	(708) 891-8116
2008	City of Calumet City	CC MFT 2008 Sidewalk & Curb & Gutter R &	\$ 164,452	\$ 16,333	Dooley, Gloria	(708) 891-8116
2008	City of Calumet City	CC Forest Ave, River Oaks and Campbill S	\$ 402,179	\$ 49,368	Dooley, Gloria	(708) 891-8116
2008	City of Calumet City	CC Stataline Resurfacing from 155th Stre	\$ 630,055	\$ 81,057	Tarka, Gerald A.	(708) 891-8116
2008	Village of Frankfort	2008 Street Resurfacing Program	\$ 610,255	\$ 24,410	Kestel, Terry	(815) 469-2177
2008	Village of Tinley Park	TP 2008 PMP Resurfacing Program	\$ 2,145,906	\$ 169,635	Schepers, Dale	(708) 444-5000
2008	Village of Sauk Village	SV 2008 MFT/CDBG Street Resurfacing	\$ 124,706	\$ 15,403	Towers, Lewis	(708) 758-3330
2008	Village of Merrionette Park	MP 2007-'08 MFT General Maintenance	\$ 33,515	\$ 6,678	Sullivan, Carol	(708) 396-3183
2008	City of Blue Island	BI Salt Dome Building	\$ 147,241	\$ 26,197	Anastasia, Mike	(708) 396-7074
2008	Village of Worth	WO 2008 MFT Resurfacing	\$ 202,815	\$ 8,893	Demonbraun, Wayne	(708) 448-1181
2008	City of Hickory Hills	HH 2008 Street Resurfacing	\$ 517,413	\$ 55,345	Rice, Regan	(708) 598-7855
2008	Village of East Hazel Crest	EH 2008 MFT General Maintenance Program	\$ 90,272	\$ 12,871	Lazuka, Patricia	(708) 798-0213
2008	Village of Alsip	AL 2008 Misc Resurfacing MFT 08-00000-01	\$ 195,053	\$ 24,465	Palumbo, Greg	(708) 385-6902
2008	Village of Midlothian	MI 2007-2008 MFT Maintenance Resurfacing	\$ 281,885	\$ 33,994	Stephens, Terrence M.	(708) 389-0200
2008	Village of Midlothian	MI 2007-2008 MFT Maintenance Sidewalk Re	\$ 101,816	\$ 5,000	Stephens, Terrence M.	(708) 389-0200
2008	Village of Lansing	LN 2007 MFT Maintenance	\$ 373,693	\$ 44,700	Eidam, Patty	(708) 895-7200
2008	Village of Manhattan	MH 2007-2008 MFT Maintenance Section	\$ 97,558	\$ 13,720	Sing, Kevin	(815) 478-3483
2008	Village of Manhattan	MH 2007-2008 Construction Section	\$ 241,025	\$ 33,461	Sing, Kevin	(815) 478-3483
2008	Village of Riverdale	RD 2007-2008 MFT Street Resurfacing Prog	\$ 104,713	\$ 15,279	Blacher, Don	(708) 841-2202
2008	Village of Riverdale	RD MFT Traffic Calming/Control Device In	\$ 17,170	\$ 2,041	Blacher, Don	(708) 841-2202
2008	Village of Bridgeview	BV MFT 2008 Sidewalk and Curb and Gutter	\$ 193,414	\$ 8,250	Cronch, Bill	(708) 924-8009
2008	Village of Minooka	MNK 2008 MFT Maintenance Program(Supplem	\$ 123,732	\$ 22,222	Buckley, Donna	(815) 467-2151
2008	Village of Lynwood	LY 2007-2008 MFT Maintenance Program	\$ 238,441	\$ 27,792	Office, Treasurer's	(708) 758-6101
2008	Village of Calumet Park	CP 2008 Street & Alley Resurfacing Proje	\$ 558,168	\$ 94,570	DuPar, Joseph	(708) 389-0850
2008	City of Calumet City	CC River Oaks Drive @ Paxton Intersectio	\$ 1,132,366	\$ 117,737	Dooley, Gloria	(708) 891-8116
2008	City of Watseka	WAT Street Rehabilitation - Various Loca	\$ 533,164	\$ 22,348	DeLahr, Marvin	(815) 432-2930
<b>2008 Total</b>			<b>\$ 9,396,550</b>	<b>\$ 988,578</b>		
2009	Village of South Holland	SH MFT 2009 Construction Engineering	\$ 457,272	\$ 35,420	Knittle, Frank	(708) 210-2900
2009	City of Calumet City	CC 2009 Traffic Signal Maintenance	\$ 5,629	\$ 1,617	Dooley, Gloria	(708) 891-8116
2009	City of Calumet City	CC 2009 MFT Street Light Maintenance	\$ 24,667	\$ 6,064	Dooley, Gloria	(708) 891-8116
2009	Village of Tinley Park	TP 2009 PMP Resurfacing Program	\$ 1,118,217	\$ 169,430	Schepers, Dale	(708) 444-5000
2009	City of Chicago Heights	CH 2008-2009 MFT Sidewalk Program	\$ 259,873	\$ 18,874	Fares, Matt	(708) 756-5307
2009	Village of Sauk Village	SV 2009 MFT/CDBG Resurfacing	\$ 90,000	\$ 17,294	Towers, Lewis	(708) 758-3330
2009	Village of Merrionette Park	MP 2008-09 MFT General Maintenance Progr	\$ 49,504	\$ 10,635	Sullivan, Carol	(708) 396-3183
2009	Village of Frankfort	2009 Street Resurfacing Program	\$ 459,809	\$ 18,392	Kestel, Terry	(815) 469-2177
2009	Village of Worth	WO 2009 MFT Street Resurfacing	\$ 222,934	\$ 24,206	Demonbraun, Wayne	(708) 448-1181
2009	City of Harvey	HV MFT Maintenance - Tree & Stump Remova	\$ 20,655	\$ 3,000	Fisher, Rufus	(708) 210-5300/372
2009	City of Hickory Hills	HH 2009 Miscellaneous Resurfacing, 09-00	\$ 373,659	\$ 44,641	Rice, Regan	(708) 598-7855
2009	Village of Manhattan	MH 2009 MFT Maintenance Section	\$ 200,793	\$ 24,572	Sing, Kevin	(815) 478-3483
2009	Village of Lynwood	LY 2008-2009 MFT Maintenance	\$ 216,912	\$ 34,834	Office, Treasurer's	(708) 758-6101
2009	Village of Manhattan	MH Baker Road Improvements	\$ 270,553	\$ 30,128	Sing, Kevin	(815) 478-3483
2009	Village of Alsip	AL Bond Issue for Roadway Improvements -	\$ 2,171,010	\$ 237,689	Palumbo, Greg	(708) 385-6902
2009	Village of Riverdale	RD Emergency Repair Program Street Resur	\$ 614,649	\$ 76,467	Blacher, Don	(708) 841-2202
2009	Village of Coal City	COC 2009 MFT Contracts & Construction	\$ 23,940	\$ 3,758	Fritz, Matt	(708) 634-8608
2009	Village of Frankfort	FF ERP Improvements-Pfeiffer, Wolf Rd	\$ 464,936	\$ 41,067	Nielsen, Adam	(815) 469-2177
<b>2009 Total</b>			<b>\$ 7,045,012</b>	<b>\$ 798,088</b>		
2010	Village of South Holland	SH MFT 2010 Resurfacing Program	\$ 761,338	\$ 87,735	Knittle, Frank	(708) 210-2900
2010	City of Calumet City	CC 2010 MFT Street Resurfacing	\$ 189,526	\$ 26,052	Dooley, Gloria	(708) 891-8116
2010	City of Calumet City	CC MFT 2009 Sidewalk and Concrete R & R	\$ 135,821	\$ 16,075	Dooley, Gloria	(708) 891-8116
2010	Village of Tinley Park	TP 2010 PMP Resurfacing Program	\$ 912,973	\$ 109,285	Schepers, Dale	(708) 444-5000
2010	Village of Sauk Village	SV 2010 MFT/CDBG Resurfacing	\$ 379,975	\$ 72,430	Towers, Lewis	(708) 758-3330
2010	Village of Glenwood	GL 2009-2010 MFT Resurfacing	\$ 157,613	\$ 12,215	Durkin, Kerry	(708) 753-2400
2010	Village of Burnham	BR 2010 MFT & CDBG Resurfacing	\$ 105,745	\$ 15,653	Dobrowski, Nancy	(708) 862-9150
2010	Village of Midlothian	MI 2009-2010 MFT Maintenance Program	\$ 295,492	\$ 37,487	Stephens, Terrence M.	(708) 389-0200
2010	Village of Peotone	PT Street Resurfacing - West Street, Hau	\$ 166,203	\$ 23,197	Werner, Donna	(708) 258-3279
2010	Village of Manhattan	MH 2010 MFT Maintenance Section	\$ 65,172	\$ 7,916	Sing, Kevin	(815) 478-3483
2010	Village of Riverdale	RD Riverdale General Maintenance MFT Str	\$ 180,978	\$ 25,024	Blacher, Don	(708) 841-2202
2010	Village of Frankfort	2010 Street Resurfacing Program	\$ 444,843	\$ 17,794	Kestel, Terry	(815) 469-2177
2010	Village of Minooka	2009-2010 MFT Maintenance Program	\$ 391,883	\$ 41,676	Buckley, Donna	(815) 467-2151
2010	City of Blue Island	BI Emergency Repair Street Resurfacing	\$ 470,938	\$ 26,267	Anastasia, Mike	(708) 396-7074
2010	Village of Minooka	MNK 2010 MFT Maintenance Program	\$ 269,476	\$ 40,760	Buckley, Donna	(815) 467-2151
2010	Village of Coal City	COC 2010 MFT - General Maintenance	\$ 96,882	\$ 11,533	Fritz, Matt	(815) 634-8608
2010	Village of Danforth	DAN 2010 MFT General Maintenance	\$ 20,259	\$ 2,096	Reiken, Gerald	(815) 269-2222
2010	Village of Glenwood	GL Arquilla Drive ERP Resurfacing	\$ 969,344	\$ 88,180	Durkin, Kerry	(708) 753-2400
2010	Village of Tinley Park	TP ERP Oak Park Avenue Concrete Repairs	\$ 168,940	\$ 20,125	Schepers, Dale	(708) 444-5000
2010	City of Chicago Heights	CH 2010 MFT Sidewalk Program	\$ 98,550	\$ 16,117	Fares, Matt	(708) 756-5307
2010	Village of Manhattan	MH 2011 MFT Maintenance Section	\$ 51,269	\$ 8,307	Sing, Kevin	(815) 478-3483
2010	Village of Riverdale	RD 2010 MFT Resurfacing Program	\$ 311,484	\$ 35,258	Blacher, Don	(708) 841-2202
<b>2010 Total</b>			<b>\$ 6,644,704</b>	<b>\$ 741,182</b>		
<b>Grand Total</b>			<b>\$ 59,032,378</b>	<b>\$ 5,716,249</b>		



**REPRESENTATIVE WATERMAIN REPLACEMENT & LOOPING PROJECTS**  
2005-PRESENT

Year	Municipality	Project	Construction Cost	Size (Inch)	Quantity (Feet)	Reference	Phone
2005	Frankfort	Wolf Road Watermain Loop	\$292,000	12	3,400	Jerry Ducay	815.489.2177
2005	Frankfort	Laraway Rd Extension	\$143,000	12	2,200	Jerry Ducay	815.489.2177
2005	Frankfort	Pfeiffer Rd Watermain Replacement	\$445,000	12	4,900	Jerry Ducay	815.489.2177
2005	Tinley Park	70th Ave Watermain Replacement	\$284,000	8	1,100	Scott Niehaus	708.444.5000
2005	Tinley Park	Hickory St. Watermain Replacement	\$669,000	12	3,400	Scott Niehaus	708.444.5000
2005	Tinley Park	167th/Oak Park Ave WM Replacement	\$161,000	6	800	Scott Niehaus	708.444.5000
<b>2005-\$1,994,000</b>							
2006	Lansing	I-80 Water/Sewer Relocations	\$598,000	12	550	Dave Zagorac	708.895.7200
2006	Peotone	Watermain Replacements - Various	\$283,000	8	2,400	George Gray	708.258.3278
2006	South Holland	Town Center Watermain Replacement	\$551,000	8	1,600	Frank Knittle	708.210.2900
2006	Minooka	Massasoit-Coody WM Replacement	\$193,000	8	1,500	Rob Tonarelli	815.467.8868
2006	Minooka	Wabena St Watermain Replacement	\$282,000	12	1,900	Rob Tonarelli	815.467.8868
2006	Minooka	Ridge Road Watermain Replacement	\$82,000	10	300	Rob Tonarelli	815.467.8868
<b>2006-\$1,989,000</b>							
2007	Tinley Park	2007 Watermain Replacements	\$815,000	8	3,100	Scott Niehaus	708.444.5000
2007	Romeoville	12" Watermain (135th St to Montrose Dr)	\$772,000	12	2,500	Dan Bromberak	815.886.1870
2007	South Holland	Town Center Watermain Repl - West	\$693,000	12	1,800	Frank Knittle	708.210.2900
2007	Minooka	Mondamin St Watermain Replacement	\$684,000	8-12	3,400	Rob Tonarelli	815.467.8868
2007	Frankfort	2007 Watermain Replacements	\$614,000	8	4,600	Jerry Ducay	815.469.2177
2007	Minooka	Historic Streets A Watermain Replacement	\$281,000	8	1,800	Rob Tonarelli	815.467.8868
2007	South Holland	Veterans Park Watermain Loop	\$189,000	10	1,200	Frank Knittle	708.210.2900
<b>2007-\$4,028,000</b>							
2008	Minooka	Historic Streets B Watermain Replacement	\$416,000	8	3,000	Rob Tonarelli	815.467.8868
2008	Romeoville	Lewis University Watermain Loop	\$931,000	16	12,500	Dan Bromberak	815.886.1870
2008	Tinley Park	Ravirina Dr Watermain Replacement	\$496,000	8	2,000	Dale Schepers	708.444.5500
2008	Tinley Park	Oleander Ave WM Replacement	\$244,000	8	1,000	Dale Schepers	708.444.5500
2008	Tinley Park	Oak Park Ave Watermain Replacement	\$272,000	8	900	Dale Schepers	708.444.5500
2008	Manhattan	US 52/North St Watermain Replacement	\$1,089,000	8-12	5,900	Bill Lizska	815.418.2100
2008	Harvey	US Route 6 WM Replacements	\$1,549,000	16-30	4,500	Junior Fisher	708.210.5300
2008	Chicago Hgts	Bloom Twp Watermain Loop	\$950,000	12	4,800	Matt Fares	708.756.5307
2008	Frankfort	US 30 Watermain Replacement	\$240,000	12	1,200	Jerry Ducay	815.469.2177
2008	Frankfort	2008 Watermain Replacements	\$265,000	8	1,600	Jerry Ducay	815.469.2177
<b>2008-\$6,452,000</b>							
2009	Manhattan	Enbridge Watermain Extension	\$297,000	12	4,100	Bill Lizska	815.418.2100
2009	Tinley Park	Honey Lane Watermain Replacement	\$70,000	8	400	Dale Schepers	708.444.5500
2009	Peotone	Garfield St Watermain Replacement	\$280,000	10	2,000	George Gray	708.258.3278
2009	Tinley Park	171st Street Watermain Replacement	\$247,000	8	1,300	Dale Schepers	708.444.5500
2009	Frankfort	ConnHills / Prestwick WM Replacement	\$261,000	8	2,200	Darrin Yount	815.489.2177
2009	Calumet Park	Watermain Replacements - Various	\$1,450,000	8-10	5,100	Bob Talaski	708.389.0850
<b>2009-\$2,605,000</b>							
2010	Romeoville	Hand-Mine WM Loop under IL 53	\$120,000	12	100	Dan Bromberak	815.886.1870
2010	Calumet City	Burnham Ave Supply Line Replacement	\$409,000	24	800	Mayor Michelle	708.891.8105
2010	Chicago Hgts	Joe Orr Rd Watermain Relocation	\$72,000	10	200	Matt Fares	708.756.5307
2010	Whiting, IN	East Alley Watermain Upgrade	\$382,000	16	1,700	Paul Tumo	219.659.0407
2010	Lansing	Bernice Rd Watermain Replacement	\$221,000	12	1,400	Dave Zagorac	708.895.7200
2010	South Holland	24" Supply Line Replacement	\$3,710,000	24	9,800	Jeff Hon	708.210.2900
<b>2010-\$4,914,000</b>							
2011*	Minooka	Historic Streets (South) WM Replacement	\$232,000	8	2,100	Rob Tonarelli	815.467.8868
2011*	Midlothian	147th Street Watermain Replacement	\$210,000	8	700	Rick Hansen	708.389.9658
2011*	Frankfort	US Route 30 Watermain Relocations	\$400,000	12	2,250	Darrin Yount	815.489.2177
2011*	Midlothian	Abbotsford Rd Watermain Replacement	\$3,300,000	8	9,000	Rick Hansen	708.389.9658
2011*	Midlothian	Watermain Replacements - Various	\$510,000	8	1,900	Rick Hansen	708.389.9658
2011*	Olympia Fields	Country Club Watermain Loop	\$2,200,000	12	5,500	Joe Alexa	708.503.8202
<b>2011-\$6,852,000</b>							
* CURRENTLY UNDER DESIGN			<b>TOTAL SINCE 2005</b>		<b>\$28,834,000</b>	<b>130,400 = 24.70 miles</b>	



## PROFESSIONAL REGISTRATIONS

Registered Professional Engineers	AZ	CA	CO	IL	IN	MI	WI	CFM	CPESC	LEED AP
Jose R. Alvarez				•						
Patricia K. Barker				•				•		
Kevin J. Biscan				•						
Brian D. Brown				•						
George D. Budwash				•	•					
Van Calombaris				•	•					
James M. Czarnik				•	•					
William P. Dolan				•						
Aaron E. Fundich	•			•	•					
Harry L. Gilmore, Jr.				•						
Troy A. Golem				•						
Sean P. Kelly				•				•	•	
Christopher J. King	•			•	•	•				
Cortney M. Koning				•				•		
Jefferey A. Koza				•						
Thomas R. Lang				•	•					
Dana E. Ludwig				•				•	•	•
F. Thomas Mathews				•						
Amy S. McKenna				•						
Thomas E. Nagle							•			
Joseph M. Nordman				•	•		•			
Jeffrey C. Pintar				•						
Russ W. Prekwas					•		•			
Jennifer S. Prinz				•	•			•		
Ernest R. Roberts III				•	•					
David W. Shilling					•					
Michael R. Spolar				•					•	
Lisa J. Taccola				•						
Edward J. Tunelius				•	•					
Ronald J. Wiedeman				•	•					
Jonathon A. Zabrocki		•	•	•				•		•
Steven G. Zehner				•			•			•
<b>Registered Structural Engineer</b>										
Christopher J. King				•						
<b>Professional Land Surveyors</b>										
Kevin J. Biscan				•						
Jonathon M. Derwinski				•	•					
Randell E. Gann				•	•					
Dan C. Paarlberg				•						
<b>Floodplain Managers</b>										
Joel R. Drabicki								•		
Jonathan J. Dykstra								•		
Joel M. Repiscak								•		
Ronald E. Smith								•		

### Professional Engineer Interns \_\_\_\_\_

Robert W. Borchering  
 Jason L. Douthett  
 James P. Hus, Jr.

Greg A. Kamplain  
 Joel M. Repiscak  
 Michael B. Stone

### Surveyor In-Training \_\_\_\_\_

Phillip A. Patrick



## PROFESSIONAL CERTIFICATIONS

### Certified Erosion, Sediment and Storm Water Inspector (CESSWI)

Doug E. Breshock                  Bruce A. Stone  
John M. Fitzpatrick              Michael B. Stone  
Michael E. Kellogg                David A. Webber

### Certified Erosion, Sediment and Storm Water Inspector In-Training (CESSWI-IT)

Jason L. Douthett  
Joseph A. Sullivan

### Certified Planner (AICP)

Maura A. Rigoni

### Certified Public Infrastructure Inspector

Robert W. Borchering            John M. Fitzpatrick            Steven J. King                  Mike B. Stone  
Peter K. Faberbock                Ray T. Franks                  Bruce A. Stone                 Dave A. Webber

### Certified Hazardous Materials Manager

Steven G. Zehner

### ACI Concrete Field Testing Technician-Grade I

Jason L. Douthett

### Geographic Information Systems Professional (GISP)

Frank A. Bava

### IDOT Certified Bridge Inspectors

Jefferey A. Koza  
James P. Hus  
Douglas E. Breshock

### IDOT Documentation Certified Personnel

Joey Anderson                    John M. Fitzpatrick            Michael E. Kellogg            Joel M. Repiscak  
Robert W. Borchering           Robert J. Gamboa              David J. McGrath              Michael B. Stone  
Douglas E. Breshock            Troy A. Golem                  Phillip A. Patrick              David E. Webber  
Jonathon M. Derwinski           Jason Gurt                        Scott E. Ranger

### INDOT Inspectors Certification

Jason L. Douthett                James P. Hus                    Jeffrey Koza  
Ray T. Franks                    Steven J. King                  David W. Shilling

### US Army Corps of Engineers Construction Quality Management for Contractors

Jose R. Alvarez  
Doug E. Vanderbilt

### Certified Survey Technicians

Robert J. Gamboa  
Jay K. Lauritzen



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

November 5, 2010

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Mr. Chris J. King  
Robinson Engineering, Ltd.  
17000 South Park Ave.  
South Holland, IL 60473-

Dear Mr. King:

We have completed our review of the corporate and financial information portion of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending March 31, 2010. Your firm's total annual transportation fee capacity will be \$20,800,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 170.14% are approved on a provisional basis. The actual rate used in agreement negotiations may be determined by our Bureau of Budget and Fiscal Management in a pre-award audit.

Your firm is required to report to this office any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. This report must be submitted within 15 calendar days of the change.

Your firm is prequalified until March 31, 2011. You will be given an additional six months from this date to submit the Corporate and Financial Information portion of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Janet L. Pisani".

Janet L. Pisani, P.E.  
Acting Section Chief  
Preliminary Engineering



At Robinson Engineering, Ltd. (REL) we believe engineering goes beyond quality project management. It is all about service - listening to our clients' desires, providing a range of innovative alternatives, promptly responding to client needs, and creating workable solutions specifically tailored to each community's unique situation. As appointed municipal engineers, our entire organization confidently thinks beyond the narrow boundaries of an individual project assignment; instead, our professionals welcome the opportunity to serve as dedicated extensions of municipal staff by sharing our experience on an entire array of day-to-day items, generating new ideas to resolve long-standing problems, and ensuring that each project approach respects the interests of multiple community stakeholders.

Our 74-year history partnering with Chicagoland and northwest Indiana municipalities has enabled REL to gain the expertise, experience and dedication required to provide complete municipal engineering services to communities of any size, shape or stage of development. We are an integrated, full-service firm with creative and innovative problem solvers, skilled facilitators, and technical experts with diverse experience in the municipal sector, and we take pride in successfully assisting each of our client communities' transition from one stage of their development to the next.

REL clientele includes fully-developed communities focused on transforming deteriorating facilities, vibrant growth municipalities master planning to serve new development, and numerous communities balancing a mixture of both. We embrace our role as appointed municipal engineers to nearly 40 diversified Chicago Southland and northwest Indiana communities with an aggregate service base exceeding 625,000 people.

*Our firm's value to municipalities reaches far beyond the proficient design and construction engineering capabilities expected of most quality firms. Differentiating REL from our competitors is a sincere appreciation of the everyday needs of municipalities, a determined resolve to procure grant funding for our clients, and a keen eye toward satisfying overall municipal objectives within each project we undertake.*

### KEY SERVICES

- [Water distribution, design & modeling](#)
- [Water storage & treatment systems](#)
- [Wastewater collection & treatment](#)
- [Floodplain & stormwater management](#)
- [Transportation systems](#)
- [Development reviews & inspections](#)
- [Geographic information systems \(GIS\)](#)
- [Professional land surveying services](#)

### RELATED SERVICES

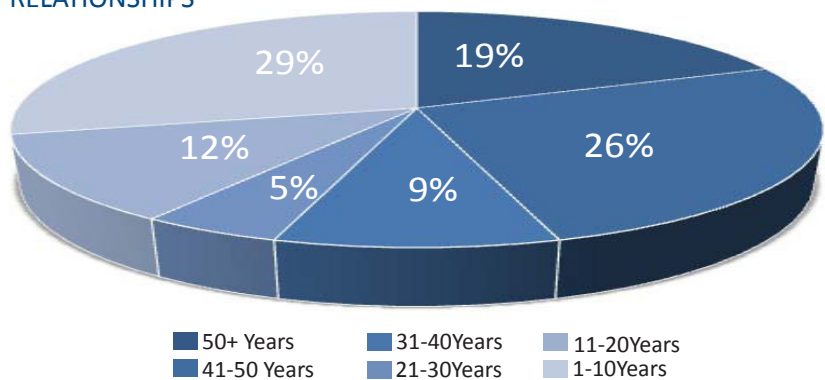
- [Grant applications & administration](#)
- [Letter-of-credit reviews](#)
- [Economic development initiatives](#)
- [Public safety issues](#)
- [Regulatory agency negotiations](#)
- [Public hearings](#)
- [Property owner consultation](#)
- [Annexation agreement negotiations](#)
- [Municipal ordinance updates](#)
- [Capital improvement plans](#)
- [Infrastructure O&M](#)

*All of the services described above are performed in-house, with little or no reliance on sub-consultants, offering us the ability to quickly exert necessary project controls as needed to meet each client's schedule needs.*



Our strength in satisfying our clients is simple: the caliber of our people. We bring a lessons-learned background to every project that provides our clients with the ability to make informed choices, not just our preferences. Our experienced engineers, surveyors, planners, and resource specialists are committed to making a positive difference in the communities we serve by providing personalized service and expertise, recognizing that excellent work and integrity are mandatory for establishing the positive long-term relationships we seek.

### MUNICIPAL ENGINEERING RELATIONSHIPS



Our area history, project database and contact network serve as invaluable institutional resources for our client communities, as well as our dedication to verifying that all projects are implemented in accordance with municipal master plans. Technical expertise is supplemented by a 100% commitment to clients' best long-term interests via our long-standing policy of declining private sector work in communities we serve. Finally, we respect our clients' needs and fiscal realities by topping off all endeavors with **an extra dose of common sense**, a trait that our client communities have long respected about REL. These distinctive added value features have prompted dozens of client communities to continue retaining our services for decades, including 23 towns continuously for over 30 years.

Another REL hallmark is our active participation in the communities where we live, work, shop and worship. Nearly 90% of our current staff were raised and/or currently live in one of our client communities, and our firm offers a first-time homeowner benefit for employees who purchase their home in one of our client communities. Our professionals are personally involved in improving their local environments and quality of life for their families and neighborhoods, and this level of care is evident in the projects we manage. By personally valuing each and every client and project, REL aims to do more than just meet expectations; we strive to exceed them each and every day.

## PROJECT APPROACH & UNDERSTANDING

The proposed roadway reconstruction and water main replacement within the Knottingham Subdivision outlined in the Village of Downers Grove's request for proposal (RFP) calls upon our core skills and wealth of experience as municipal engineers. Due to the disruptive nature of the proposed project in an established residential neighborhood, strong project management and attention to those details which most affect property owners will be critical during the design and construction phases to ensure that the project proceeds smoothly. Our vast experience with similar design and construction projects in residential neighborhoods has heightened our sensitivity to these critical details that can sometimes be overlooked, such as driveway access and water service to homes, sequencing of reconstruction and paving activities, resident notification for construction activities/utility shut-downs, maintenance of mail service, and dust control to name but a few. It's important to keep the public informed through flyers, newsletters and meeting, always keeping in mind that they are living with the construction in a very personal fashion.

The RFP notes that the subdivision roadways were constructed using a pozzolanic base, which has failed. This failure is confirmed by visual inspection, as well as the Village's detailed 2010 MicroPAVER conditions report showing that the majority of these streets have either failed or are in serious condition (with the exception of Queens Ct, north of Sherwood Ct). Because of extent and nature of the base failure, the roadways will require full reconstruction. In addition to the roadway reconstruction, the Village desires to upgrade the existing water mains servicing the subdivision, including the replacement of all water service lines from the main to the b-box.



The Knottingham Subdivision was developed in the 1970s. As result of its age, the subdivision provides some challenging components for design and construction that need to be properly considered and addressed. It has a significant amount of large, established trees along the parkways, which also overhang the streets. The size and number of trees make utility improvements in the parkways challenging due to the limited space availability in the parkways, potentially requiring that replacement water mains be constructed beneath curbs or roadway pavement. The established trees also act to effectively limit potential changes in the parkway, such as re-grading. The overhang of the trees will need to be considered in the construction of the roadway improvements as well to avoid potential damage to the trees and resident ire.



During our field investigations, we noted deficiencies in the number and spacing of drainage structures (catch basins and inlets), which appears to be contributing to the pavement deterioration, as ponding water clearly infiltrates the pavement structure. This condition has been exaggerated in many locations due to significant crowns on several of the subdivision's roadways. The new design will need to incorporate pavement re-profiling and additional drainage structures; however, the new profiles will be constrained due to existing parkway grades and aforementioned trees. Our site visit indicated several locations where homes on opposite sides of the street at

significantly different elevations. At locations where the sidewalk and driveway aprons appear to be back-pitched away from the roadway, yard inlet/catch basins may need to be provided, in order to mitigate potential ponding problems (e.g. Rohrer Drive, just south of Elizabeth Lane).

The existing water mains are to be abandoned in place, in order to minimize disruptions to the parkways. To maintain this “low impact” philosophy, there are two ways the replacement water mains can be constructed: installation in the parkway using trenchless construction or 2) installation within the roadway itself. While both methods have pros and cons, the design needs to consider the most cost-effective approach to insure that maximum benefit is achieved through the expenditure of the Village’s capital improvement dollars, as well as ongoing operations and maintenance dollars. Based on the site conditions, and discussions with the Village, it is anticipated that most effective solution will be to place the new mains within the roadway and replace existing services within the roadway

rights-of-way. Sequencing of the improvements will be critical in maintaining traffic patterns and minimizing resident impacts. Based on past experience with similar projects, we envision the water main improvements to be performed first. Subsequent “phasing” will also be considered in the design to allow portions of the water system to be fully completed, while other areas are still under construction.



Our design philosophy consists of making every effort (within reason) to satisfy all stakeholder concerns within allotted project budgets. An example of this would be to recommend that, to the fullest reasonable extent, driveway aprons be replaced up to the sidewalk as part of the subject project. While the total project cost may be slightly less to limit driveway pavement patches to the width of utility trenches and/or just behind the replacement curb, our experience has shown that this approach can lead to residents dissatisfaction with the finished product, regardless of the relative importance of the driveway restoration in comparison to the water main replacement and roadway reconstruction. Dissatisfied residents convey these complaints to Village staff and elected officials, often leading to an impression of a “failed” project, although a main engineering purpose of the project was satisfactorily achieved.

Of course, the primary stakeholder is the Village of Downers Grove. In this regard, we will strive to insure that each aspect of the project is properly designed in accordance to all applicable IEPA, IDOT and Village standards.


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## Scope of Services

Robinson Engineering prides itself on providing expert staff for every aspect of the projects we undertake, and is fully able and qualified to complete all required aspects of this project utilizing in-house staff. The following outline includes the envisioned scope of engineering services for preliminary and final design, permitting and bidding services to the Village for implementation of the proposed roadway reconstruction and water main replacement along Knottingham Lane, Baimbridge Drive, Rohrer Drive, Elizabeth Lane, Marie Drive, and Queens Court in accordance with the RFP.

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### Preliminary Engineering Phase

- **Project kick-off meeting.** Meet with Village staff to review the general scope of the project, supplemental design criteria, and to obtain the Village's input regarding scope and schedule expectations, as well as other potential Village concerns associated with the project. For example, determining whether or not the Village will allow water shutdowns during construction for a portion of the affected main could impact the project cost by the number of tapping sleeves, or 'hot taps' that would be used and knowing whether there are any inoperable valve on the existing lines will be pertinent, for purposes of shutdowns for cut/caps, etc. The RFP is silent on the potential need to replace the existing storm sewers, which may be undersized and/or of insufficient depth to accept additional structures that clearly appear to be needed. Also, the Village may desire to limit construction to select roadways rather than allowing construction throughout the entire subdivision at one time. We would seek to clarify as much 'local information' as we can during such an initial meeting, and couple this meeting with a joint walk-through of the project with public works staff.
- 
- Other pertinent data and information that would be collected and reviewed are the Village's water and sewer atlases, available rights-of-way/easement information, and private utility information.
  - **Topographic Survey.** A detailed topographic survey will be performed along specified Village roadways within the Knottingham subdivision as necessary to prepare an accurate set of engineering design plans. The topographic survey will include the rights-of-way for Knottingham Lane, Baimbridge Drive, Rohrer Drive, Elizabeth Lane, Marie Drive, and Queens Court (rights-of-way monumentation recovered shall be clearly indicated on design plans). The survey will be performed under the direction of an Illinois-licensed surveyor by an experienced survey crew(s) utilizing state-of-the-art GPS surveying units for control establishment and Trimble total station surveying equipment for detailed topographic data. All electronic field data and existing conditions data will be processed utilizing commercially licensed AutoCAD 2009 software. Specific tasks will include but not be limited to the following:
    - Perform level circuit, with detailed topography shown with one-foot contour intervals throughout the described project area. Additionally, elevations will be noted for key changes in grade, as well as high or low points between contours of the same elevation.
    - Verify alignment and ties, using NGVD 29 for Vertical Datum and USGS NAD 83 for Horizontal Datum
    - Establish reference and/or base lines paralleling rights-of-way (ROW) where possible, stationing from south to north and/or west to east.

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- Set permanent control points (via “PK” nails) along the base line at 100 foot intervals to facilitate subsequent construction layout.
  - Location and identification of all above ground structures (i.e., mailboxes, utility poles, driveways, culvert headwalls, culverts, sidewalks, curb, creek centerline, creek banks, sump pump outlets, etc.)
  - Location of all landscape materials (i.e., bushes, trees 2” diameter and larger, flower beds, landscape timbers, flagstone paths or walls, brick pavers, etc.)
  - Field locations (horizontal dimensions) of all buried/marked utilities; including gas, electrical and telephone, water main, sanitary sewers and storm sewers. Rim and invert elevations, pipe and conduit sizes of all culverts, manholes, inlets, valve vaults will also be collected. No verification of utility elevations is proposed via excavation.
  - Base drawings shall utilize IDOT standard drafting symbols and line weights, and shall include structure and other relevant information via leaders. Intersection of lot lines, lot numbers and common addresses will be shown.
  - Verification of existing right-of-way based on identified field monumentation (i.e. iron rods, nails, etc.) and/or DuPage County tax maps, and drawing of same on base sheets (existing monumentation recovered shall be clearly shown on drawings). The re-establishment of missing monumentation (property corners) is NOT included in the scope.
  - Prepare base drawings at 1”=20’ scale. Drawings shall include, but not be limited to, plan & profiles, grading plans, and cross sections.
  - Initial coordination with utility companies to verify pipelines, gas, electric, phone and cable TV facilities within proposed project limits.
  - According to the RFP, the Village will procure any required material testing and/or subsurface investigations. As the proposed project involves significant excavation, the Village will want to obtain requisite soil samples prior to, or during construction in order to meet State requirements for CCDD disposal. If the Village desires, we will assist the Village in arranging to have soil samples collected and analyzed.

### *Design Engineering Phase*

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- Develop the detailed construction drawings including plan/profile views, drainage and utility plans, water main replacement details; storm water pollution prevention plan (SWPPP); alignment, ties and benchmarks; project specifications and detail drawings containing Village, IDOT and IEPA standards.
- Prepare and submit an itemized construction cost estimate for the project to insure conformance with Village budget.
- Submit pre-final plans to affected utility companies to insure that conflicts are identified and minimized during the design.
- Prepare and submit applications for required design improvement permits. As the project involves no change impervious areas, no permitting is anticipated from DuPage County for Stormwater Management. Anticipated permitting: IEPA construction for water main and Notice of Intent (NOI) in accordance with the State of Illinois National Pollutant Discharge Elimination System (NPDES) general permit.

- 
- Prepare and submit applications for required design improvement permits. As the project involves no change impervious areas, no permitting is anticipated from DuPage County for Stormwater Management. Anticipated permitting: IEPA construction for water main and Notice of Intent (NOI) in accordance with the State of Illinois National Pollutant Discharge Elimination System (NPDES) general permit.
  - Three, 1-hour progress meetings with Village staff to review 50%, 90% and 100% submittals.
  - Two, 2-hour meetings with the Village and Public at times as directed by the Village.
  - Delivery of existing conditions data, final project files to the Village of Downers Grove, including copies of all field notes and electronic base maps of the data in AutoCAD 2009 (including all shapefiles and linetypes). All project drawings, files, notes, calculations, survey data and documents to be provided in an electronic format on CD(s) suitable for making prints and copies as required in above, all of which shall become the property of the Village for its use in the preparation of construction documents for the chosen alternative.

#### *Bidding Phase Services (excluded from RFP – will perform if requested by Village)*

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- Provide the advertisement and bidding documents to the Village
- Act on Village's behalf to pre-qualify potential bidders.
- Attend the bid opening, review bids, prepare itemized bid tabulation and provide letter of contract award recommendation to the Village.
- Attend public committee or Village Board meeting(s) as required to discuss project, apart from progress meetings and public meetings as identified in the Design Engineering Phase above.

If selected by Downers Grove, we are confident that our vast municipal engineering experience in both the design and construction of local infrastructure projects will serve the Village well on a project that is certain to be sensitive to hundreds of residents. The ingrained municipal perspective of our team allows us to perform these types of projects with the proper focus beyond the water and roadway elements, but with the appropriate level of care given to the Village residents directly impacted by the project. We look forward to demonstrating these capabilities to the Village.



## FIRM QUALIFICATIONS & EXPERIENCE

Robinson Engineering, Ltd. (REL) works to lead a rigorous, collaborative process with which to make sustainable, functional and inspiring projects that serve the public interest, while providing excess value to our client communities. Our experienced team is dedicated to assisting our public clients achieve their goals, and is fully capable of providing the entire array of municipal engineering services described in the Village's RFP document with existing in-house personnel.

During the past decade alone, REL has planned, designed and managed the construction of over 2,000 municipal infrastructure rehabilitation projects including dozens identical to the scope described in the Scope of Services included in the Village's RFP for the Knottingham Subdivision improvements.

Our firm possesses extensive experience with every facet of local roadway patching, resurfacing and reconstruction improvements, sanitary sewer and water main rehabilitation and replacement, and storm sewer installations and upgrades, as well as vast databases available to generate accurate cost estimates for purposes of establishing (and sticking to) project budgets. Designing these improvements with the details required by existing residential neighborhoods, commercial areas, or industrial parks, recognizing the unique service and access requirements of each stakeholder, and advance coordination with private electric, gas and telephone utility companies is critical for project success. In addition, pro-actively managing project schedules by anticipating the requirements of various regulatory agencies such as FHWA, IDOT, IEPA, IDNR, USACOE, USFWS, County Highway Departments and other permitting agencies assists us to enable our client communities to achieve their objectives. Finally, we are well-versed with the ever-changing funding requirements of numerous agencies, implementing dozens of projects funded each year through federal STP, CMAQ, ITEP, LAPP, and BRRP transportation funds, low-interest IEPA water/wastewater loans, and municipal grants provided through IDNR, USFWS, CDBG, DCEO and a variety of other sources.



***Simply put, municipal engineering is what we do.*** We understand the types of challenges confronted by local municipalities like Downers Grove in balancing public infrastructure needs with limited resources during the challenging economic times we face together. As appointed professionals in nearly 40 suburban communities, we consider it our duty to provide practical, innovative and cost-effective solutions to everyday problems, with a can-do dedication to service, viewing no problem too small or too large for us

to resolve. All sectors of our organization possess decades of experience approaching problems from an ingrained municipal perspective that consistently rejects short-term fixes in favor of providing the best long-term solutions. We also have a full-time grant writer who continuously monitors federal and state funding opportunities for our client communities for all types of grants, whether related to an engineering project or not, as well as an extensive network of local, state and national contacts we share as resources to provide excessive value to municipalities beyond standard engineering services.

The following pages provide brief summaries of our firm’s qualifications and a snapshot of our related project experience over the past decade. Our complete municipal project experience listing would be far too voluminous, so in deference to the RFP estimate of 20 pages for this proposal, we’ve highlighted only some of the most relevant examples to demonstrate our experience in this field.

**Municipal Project Experience**

We’re proud of our firm’s history serving Chicagoland municipalities as village and city engineers for nearly 75 years. As a result of our unparalleled continuous longevity in so many communities, our project experience database in every facet of municipal engineering is voluminous, as is that of our ‘lessons learned’ over the years. In any given year, our firm averages several hundred new projects initiated among our 50+ municipal clients; our strong corporate systems, streamlined project approach, and dedicated, experienced personnel enable us to efficiently manage this large volume of projects to serve our client communities’ needs. Since 2005 alone, we’ve designed and managed the construction of the following project volume similar in scope to the Knottingham Subdivision improvements proposed by the Village:

<i>Project Type</i>	<i>Approx #</i>	<i>Construction Cost</i>
Locally funded roadways	155 projects	\$ 83,836,000
Water main projects	47 projects	\$ 28,834,000

We’ve included project capsules for three recent projects with references for projects nearly identical in scope to the work proposed for Knottingham Suidivision, along with an itemized listing of the water main projects summarized in the chart above for additional reference. We can provide a detailed listing of the locally funded roadway projects as well, however, in deference to the 20-page proposal guideline we have excluded it at this time. We encourage you to contact our references as a testament to the quality work we perform.



## REPRESENTATIVE WATERMAIN REPLACEMENT & LOOPING PROJECTS

2005-PRESENT

Year	Municipality	Project	Construction Cost	Size (Inch)	Quantity (Feet)	Reference	Phone
2005	Frankfort	Wolf Road Watermain Loop	\$292,000	12	3,400	Jerry Ducay	815.469.2177
2005	Frankfort	Laraway Rd Extension	\$143,000	12	2,200	Jerry Ducay	815.469.2177
2005	Frankfort	Pfeiffer Rd Watermain Replacement	\$445,000	12	4,900	Jerry Ducay	815.469.2177
2005	Tinley Park	70th Ave Watermain Replacement	\$284,000	8	1,100	Scott Niehaus	708.444.5000
2005	Tinley Park	Hickory St. Watermain Replacement	\$669,000	12	3,400	Scott Niehaus	708.444.5000
2005	Tinley Park	167th/Oak Park Ave WM Replacement	\$161,000	6	800	Scott Niehaus	708.444.5000
2006	Lansing	I-80 Water/Sewer Relocations	\$598,000	12	550	Dave Zagorac	708.895.7200
2006	Peotone	Watermain Replacements - Various	\$283,000	8	2,400	George Gray	708.258.3279
2006	South Holland	Town Center Watermain Replacement	\$551,000	8	1,600	Frank Knittle	708.210.2900
2006	Minooka	Massasoit-Coady WM Replacement	\$193,000	8	1,500	Rob Tonarelli	815.467.8868
2006	Minooka	Wabena St Watermain Replacement	\$282,000	12	1,900	Rob Tonarelli	815.467.8868
2006	Minooka	Ridge Road Watermain Replacement	\$82,000	10	300	Rob Tonarelli	815.467.8868
2007	Tinley Park	2007 Watermain Replacements	\$815,000	8	3,100	Scott Niehaus	708.444.5000
2007	Romeoville	12" Watermain (135th St to Montrose Dr)	\$772,000	12	2,500	Dan Bromberek	815.886.1870
2007	South Holland	Town Center Watermain Repl - West	\$693,000	12	1,800	Frank Knittle	708.210.2900
2007	Minooka	Mondamin St Watermain Replacement	\$664,000	8-12	3,400	Rob Tonarelli	815.467.8868
2007	Frankfort	2007 Watermain Replacements	\$614,000	8	4,600	Jerry Ducay	815.469.2177
2007	Minooka	Historic Streets A Watermain Replacement	\$281,000	8	1,800	Rob Tonarelli	815.467.8868
2007	South Holland	Veterans Park Watermain Loop	\$189,000	10	1,200	Frank Knittle	708.210.2900
2008	Minooka	Historic Streets B Watermain Replacement	\$416,000	8	3,000	Rob Tonarelli	815.467.8868
2008	Romeoville	Lewis University Watermain Loop	\$931,000	16	12,500	Dan Bromberek	815.886.1870
2008	Tinley Park	Ravinina Dr Watermain Replacement	\$496,000	8	2,000	Dale Schepers	708.444.5500
2008	Tinley Park	Oleander Ave WM Replacement	\$244,000	8	1,000	Dale Schepers	708.444.5500
2008	Tinley Park	Oak Park Ave Watermain Replacement	\$272,000	8	900	Dale Schepers	708.444.5500
2008	Manhattan	US 52/North St Watermain Replacement	\$1,089,000	8-12	5,900	Bill Lizska	815.418.2100
2008	Harvey	US Route 6 WM Replacements	\$1,549,000	16-30	4,500	Junior Fisher	708.210.5300
2008	Chicago Hgts	Blom Twp Watermain Loop	\$950,000	12	4,800	Matt Fares	708.756.5307
2008	Frankfort	US 30 Watermain Replacement	\$240,000	12	1,200	Jerry Ducay	815.469.2177
2008	Frankfort	2008 Watermain Replacements	\$265,000	8	1,600	Jerry Ducay	815.469.2177
2009	Manhattan	Enbridge Watermain Extension	\$297,000	12	4,100	Bill Lizska	815.418.2100
2009	Tinley Park	Honey Lane Watermain Replacement	\$70,000	8	400	Dale Schepers	708.444.5500
2009	Peotone	Garfield St Watermain Replacement	\$280,000	10	2,000	George Gray	708.258.3279
2009	Tinley Park	171st Street Watermain Replacement	\$247,000	8	1,300	Dale Schepers	708.444.5500
2009	Frankfort	ConnHills / Prestwick WM Replacement	\$261,000	8	2,200	Darrin Yount	815.469.2177
2009	Calumet Park	Watermain Replacements - Various	\$1,450,000	8-10	5,100	Bob Talaski	708.389.0850
2010	Romeoville	Hand-Mine WM Loop under IL 53	\$120,000	12	100	Dan Bromberek	815.886.1870
2010	Calumet City	Burnham Ave Supply Line Replacement	\$409,000	24	800	Mayor Michelle	708.891.8105
2010	Chicago Hgts	Joe Orr Rd Watermain Relocation	\$72,000	10	200	Matt Fares	708.756.5307
2010	Whiting, IN	East Alley Watermain Upgrade	\$382,000	16	1,700	Paul Turno	219.659.0407
2010	Lansing	Bernice Rd Watermain Replacement	\$221,000	12	1,400	Dave Zagorac	708.895.7200
2010	South Holland	24" Supply Line Replacement	\$3,710,000	24	9,800	Jeff Hon	708.210.2900
2011*	Minooka	Historic Streets (South) WM Replacement	\$232,000	8	2,100	Rob Tonarelli	815.467.8868
2011*	Midlothian	147th Street Watermain Replacement	\$210,000	8	700	Rick Hansen	708.389.9658
2011*	Frankfort	US Route 30 Watermain Relocations	\$400,000	12	2,250	Darrin Yount	815.469.2177
2011*	Midlothian	Abbotsford Rd Watermain Replacement	\$3,300,000	8	9,000	Rick Hansen	708.389.9658
2011*	Midlothian	Watermain Replacements - Various	\$510,000	8	1,900	Rick Hansen	708.389.9658
2011*	Olympia Fields	Country Club Watermain Loop	\$2,200,000	12	5,500	Joe Alexa	708.503.8202
* CURRENTLY UNDER DESIGN			<b>TOTAL SINCE 2005</b>		<b>\$28,834,000</b>		<b>130,400 = 24.70 miles</b>

**CLIENT CONTACT**

Frank Knittle  
 Director of Community Development  
 (708) 210-2915

**PROJECT MANAGER**

Patricia K. Barker, PE, CFM

**CONSTRUCTION COST**

\$6,200,000

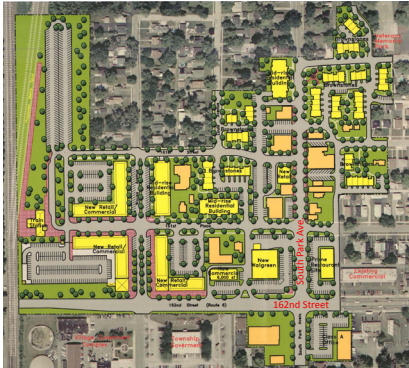
**YEAR COMPLETED**

2008

# VILLAGE OF SOUTH HOLLAND, IL Town Center Redevelopment

This project consists of the redevelopment of the Village of South Holland downtown area. South Park Avenue, an unmarked state route, along with other adjacent residential streets required complete reconstruction to serve the future infrastructure needs of the Town Center Redevelopment. The improvements include roadways, streetscape, watermain, street lighting, parking lots, storm sewers, stormwater detention, and sewer lining.

Robinson Engineering, Ltd. surveyed, designed, prepared plats, bid, and oversaw nine (9) separate construction contracts over a three year time frame.



**KEY PROJECT ELEMENTS**

- Reconstructed 900 feet of South Park Avenue within three months under a full detour, Labor Day to Thanksgiving 2006
- Construct two new storm sewer outfalls to the Little Calumet River and a detention pond at Veterans Park
- Prepared all right-of-way documentation for redevelopment and re-subdivisions
- Construct two new watermain segments crossing under U.S. Route 6 (162nd Street) at night
- Construct new segment of roadway on 161st Street between South Park Avenue and Louis Avenue
- Obtain permits from IDOT, MWRD and IEPA
- Utility coordination for the burying of overhead utility lines: ComEd, Comcast and WOW cables, and AT&T



BEFORE



AFTER

**CLIENT CONTACT**

Rob Tonarelli  
Superintendent Public Works  
(815) 467-8869

**PROJECT MANAGER**

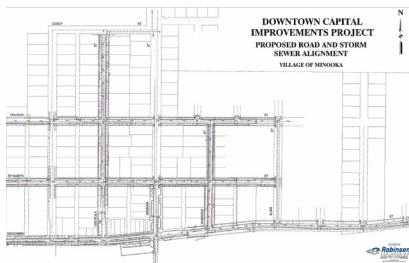
Sean P. Kelly, PE, CFM

**CONSTRUCTION COST**

\$10,700,000

**YEAR COMPLETED**

2009



## VILLAGE OF MINOOKA, IL

### Downtown Capital Improvements Project

The Village of Minooka was established in 1869, and as such the downtown area is almost completely developed with limited available developable land remaining. As a result of its age, the Village's downtown was developed prior to stormwater concerns and/or regulations; therefore nearly all of the downtown roadways were without curb and gutter and storm sewer.

In 2006 the Village of Minooka initiated a capital improvements project focused on improvements in the "historic" downtown area of the Village. The capital improvements project was phased over several years and included the complete reconstruction of existing streets with curb and gutter, storm sewer, and other utilities.

Robinson Engineering, Ltd. utilized existing conveyance systems where possible and proposed a new regional "trunk" storm sewer to serve the north and northeast portion of the downtown; providing planning, permitting, project management, design and construction engineering services for six (6) construction contracts over a four year time frame.

**Project Objectives:**

1. Reconstruct of roadway and infrastructure on nine (9) streets, totaling approximately 2 miles.
2. Install approximately 2,250 LF of "trunk" storm sewer to serve the majority of downtown and complete roadway se-surfacing.

**Project Phases/Contracts:**

- Phase 1 – Complete reconstruction of Massasoit Street and Coady Drive.
- Phase 2 – Complete reconstruction of Wabena Avenue..
- Phase 3 – Complete reconstruction of West Mondamin Street.
- Phase 4 – Installation of "trunk" storm sewer and resurfacing East Mondamin Street.
- Phase 5 – Complete reconstruction of N. Wabasso, East St. Mary's and East Church Street.
- Phase 6 – Complete reconstruction of N. Osceola, West St. Mary's and West Church Street.

**KEY DESIGN CONSIDERATIONS**

- Directing significant volumes of residential and commercial traffic thru downtown during multi-year construction. from a truck stop through a new signalized intersection
- Utilization of existing storm outlets and planning new "trunk" storm outlet due to absence of available land for detention ponds.
- Impact to dense urban residential area during storm sewer installation – multiple utility conflicts.

**CLIENT CONTACT**

Bill Liszka  
Director of Public Works  
(815) 418-2100

**PROJECT MANAGER**

Van Calombaris, PE

**CONSTRUCTION COST**

\$1,200,000

**YEAR COMPLETED**

2009



## VILLAGE OF MANHATTAN, IL

### Downtown Area Watermain Improvements

The Village of Manhattan undertook a 1.2 million dollar watermain project in 2008/2009 for their downtown area. The improvements consisted of installing approximately 1.1 miles of 8" and 10" watermain, of which the majority was installed along US 52 and Manhattan-Monee Road. The majority of the watermain that was replaced was over fifty years old and was in poor condition. The work within US 52 and Manhattan-Monee Road required the procurement of a permit from IDOT. The project also required coordination with ComEd due to the proximity of their poles to the new watermain. Because this work was done on the main two thoroughfares of the Village downtown area, maintaining traffic control was of the utmost importance. Two-way traffic was always maintained during the construction of these improvements and any inconvenience to the adjacent businesses/residences was kept to a minimum.

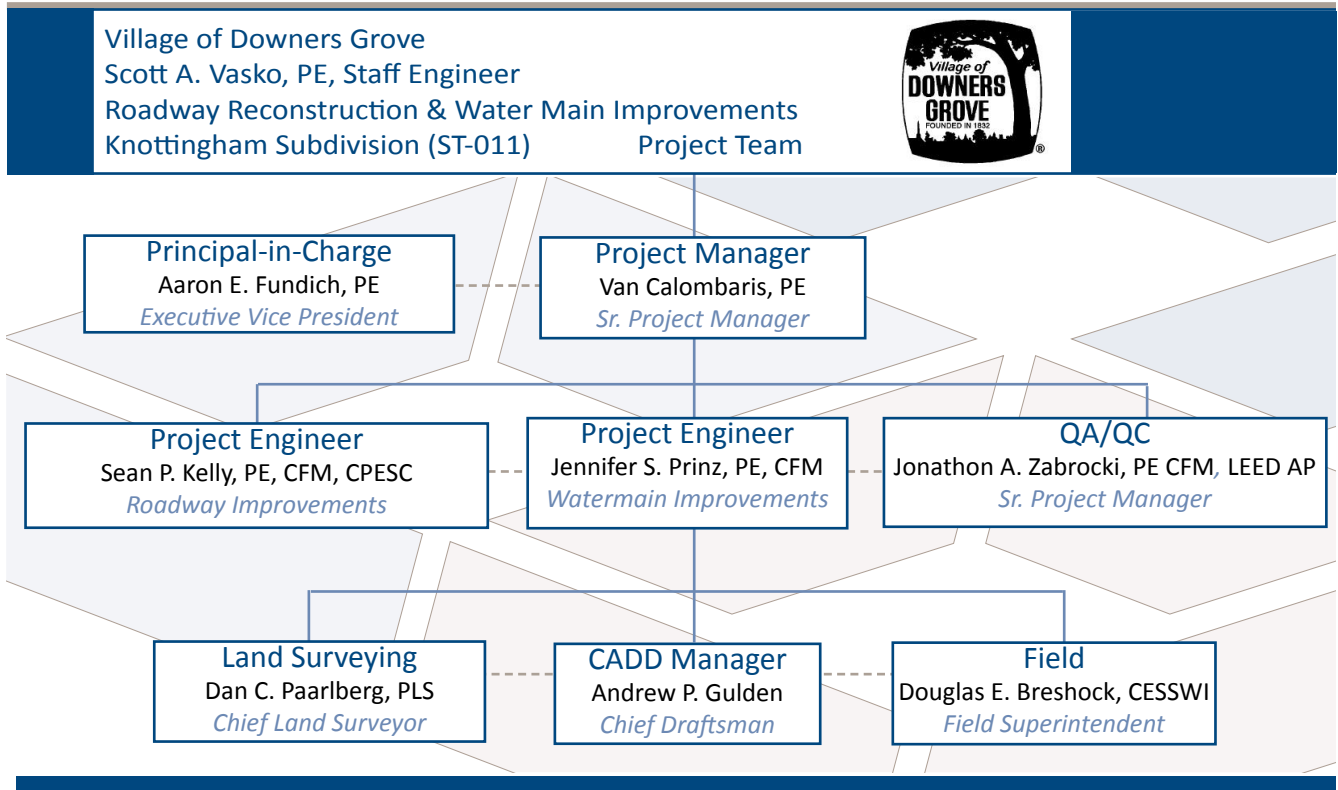
**KEY CONSIDERATIONS**

- Coordination with ComEd and NICOR in relation to utility conflicts
- Maintenance of two-way traffic on US 52 and Manhattan-Monee Road, as well as limiting the inconvenience to the downtown businesses/residences

**PROJECT RESULTS**

- Higher water pressures and flows for the affected area
- Provided a much more reliable distribution system

Robinson Engineering, Ltd. (REL) has a variety of technical experts available to assist with the Village’s project, including experienced professionals from Field, Survey and CADD departments working “behind the scenes” to ensure that all project topographic/survey data is processed accurately and the quality of design drawings and project exhibits meet the highest possible standards. The following personnel will be dedicated and fully accessible throughout the duration of the project.



**Mr. Aaron E. Fundich, PE**, Executive Vice President will serve as the Principal-in-Charge. Mr. Fundich is the managing partner overseeing engineering operations in REL’s Frankfort, Minooka, Ottawa and Bourbonnais offices. He has more 20 years of professional engineering experience in planning, analysis, design, management, and permitting of municipal projects. He has been directly involved with similar residential infrastructure rehabilitation projects in Glenwood, South Holland, Frankfort and Manhattan during his career, and is well-versed in the challenges that Downers Grove will face on this one. As Principal-in-Charge, Mr. Fundich will be responsible for contract negotiation and administration. Overall performance of the project team is Mr. Fundich’s primary responsibility; he will be on hand as needed to ensure that the Village’s goals and expectations are met.



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**Mr. Van Calombaris, PE**, Sr. Project Manager, will serve as our project manager. Mr. Calombaris will utilize his 25+ years of professional engineering experience to insure that the final design are technically correct in their approach, meet the Village's standards and objectives, and manage the project in accordance with the Village's desired outcomes. He will be the primary point of contact at Robinson, and will be actively involved in the day to day engineering and planning aspects throughout the duration of the project. As seen from his snapshot resume, Mr. Calombaris' diversified blend of municipal engineering and subdivision design experience is a perfect fit for the project, and his superior communication skills will assist the Village interactions with residents during what is certain to be a high-impact project for the Knottingham neighborhood. He recently managed a nearly identical water main replacement and roadway reconstruction project for the Village of Manhattan (see associated project capsule).

**Mr. Sean P. Kelly, PE, CFM, CPESC**, will serve as a Project Engineer for the roadway improvements, with a particular focus on the drainage improvements that we confirmed were required during our site visit. Mr. Kelly has nearly 20 years of engineering experience with transportation engineering: planning, design, permitting, and construction. He is well versed with nearly the entire spectrum of municipal engineering, having recently been our project manager for a series of identical residential infrastructure rehabilitation projects in Minooka, IL totaling over \$10 million from 2006-2010 (see associated project capsule).

**Ms. Jennifer S. Prinz, PE, CFM**, will serve as Project Engineer for water main improvements. Ms. Prinz has over 15 years of engineering experience and serves as one of Robinson Engineering's primary water systems project engineers. She has been involved with all facets of water system improvements, including planning design, modeling, permitting and construction of distribution systems, storage and supply. She also has considerable municipal experience with the Villages of Tinley Park and Palos Park.

REL values its Quality Control Measures as one of its highest priorities. To assure this, **Mr. Jonathon Zabrocki, PE, CFM, LEED AP**, Senior Project Manager, will assume the duties of Quality Control & Quality Assurance (QC/QA) for this project. Mr. Zabrocki, Municipal Engineer to the Village of Romeoville, has been involved in a myriad of civil and environmental engineering projects addressing the complex infrastructure, environmental and land use issues facing local municipalities, including a three-phase project of nearly identical scope in the Honeytree Subdivision in Romeoville from 2007-09.

Numerous other technical experts throughout the firm will also assist the team as needed, including experienced professionals from our field, survey and CADD departments that work "behind the scenes" to ensure all project topographic/survey data are processed accurately and that the quality of all design drawings and project exhibits meet the highest possible standards. Snapshot resumes of our proposed project team can be found on the following pages.



# AARON E. FUNDICH, PE

Executive Vice President

## EDUCATION

### Master Degree, Project Management

Keller Graduate School of Management

### Bachelor of Science, Engineering

University of Illinois Champaign-Urbana

## PROFESSIONAL REGISTRATIONS

Registered Professional Engineer  
Illinois, Indiana, Arizona

## PROFESSIONAL AFFILIATIONS

Illinois Society of Professional Engineers  
(ISPE)

Illinois Association for Floodplain and  
Stormwater Management (IAFSM)

Will County Center for Economic Dev.  
Co-chair, Diplomat Committee  
Member, Gov't. Affairs Committee

South Holland Business Association  
Board of Directors, 2001-2005

## PUBLICATIONS

"Infiltration Reduction Using Trenchless  
Technology,"  
Mining Journal Ltd., May 1999

## EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
1989-Present

Mr. Fundich is the managing partner for the Robinson Engineering, Ltd. (REL) Will County office in Frankfort and oversees REL's Ottawa, Minooka, and Bourbonnais engineering/operations office managers. He serves as one of the firm's primary liaisons with clients and industry professionals while staying abreast of current regulatory issues and grant funding opportunities. Mr. Fundich also represents the firm in contract negotiations and public presentations for client communities.

## MUNICIPAL ENGINEERING

Has served as the firm's Village Engineer for the following communities, all of which continue to utilize Robinson today:

- Frankfort 1997-present
- Romeoville 2007-2009
- Manhattan 2005-2007
- South Holland 1999-2006
- Homer Glen 2001-2005
- South Palos Township 1995-2001
- Glenwood 1991-1999
- East Hazel Crest 1990-1999

## MASTER PLANNING

Project management or principal authorship of the following master planning efforts on behalf of client communities:

- Downtown Infrastructure Master Plan Manhattan 2008
- Water System Master Plan Manhattan 2007
- FPA Master Plan Update Frankfort 2006
- Iron Removal System Plan Frankfort 2003
- Facilities Planning Area Amendments Frankfort 1999
- Wastewater Facilities Plan South Palos Township SD 1996
- Manor & Estates Master Sewer Plan Glenwood 1992

## PROJECT DESIGN & MANAGEMENT

Design and project management of more than \$100 million in local water/wastewater infrastructure projects, including:

- City-Wide Sewer Rehabilitation Crest Hill \$8,200,000
- Sauk Trail Interceptor Sewer Frankfort \$1,500,000
- Hickory Creek Interceptor Sewer Frankfort \$2,500,000
- US 30/US 45 Utility Relocations Frankfort \$500,000
- Various Watermain Replacements Frankfort \$2,400,000
- Various Watermain Replacements Glenwood \$1,000,000
- 1 MG Elevated Tank & Watermain Frankfort \$2,300,000
- IL Route 53 Watermain Loop Romeoville \$600,000

## MANAGER, ICAP SEWER REHABILITATION (1989-2000)

Prepared over 20 Sewer System Evaluation Surveys (SSES) including flow monitoring analyses, manhole inspections, smoke testing, dyed water flood testing, sewer televising, and private sector building inspections to isolate, identify, and quantify sources of infiltration/inflow (I/I) into separate sanitary sewer systems. He also designed more than 100 sewer rehabilitation projects totaling over \$85 million of infrastructure improvements, including \$20 million funded through the IEPA Water Pollution Control Revolving Fund.



# VAN CALOMBARIS, PE

Senior Project Manager

## EDUCATION

**Bachelor of Science,  
Mechanical Engineering**  
Illinois Institute of Technology

## PROFESSIONAL REGISTRATION

Registered Professional Engineer  
Illinois and Indiana

## PROFESSIONAL AFFILIATIONS

American Society of Mechanical  
Engineers (ASME)

National Society of Professional  
Engineers (NSPE)

## EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
1987-1998, 2006-Present

Burke Engineering Corp.  
1998-2006

Mr. Calombaris has vast experience designing and managing numerous municipal and private development improvements. He is the Community Development and Stormwater Services Group Manager for Robinson Engineering, Ltd. (REL), overseeing plan reviews and design projects for Will County clients. He is also the primary engineering consultant to the Village of Manhattan and has served as municipal engineer to eight other communities. Previously, he was the Vice President for Burke Engineering Corp.

## PROJECT DESIGN & MANAGEMENT

Designer and Project Manager for over \$100 Million in local wastewater (WW) and water infrastructure projects.

- Well 6 & Radium Removal Plant Manhattan \$3,000,000 2010
- Downtown Watermain Replace Manhattan \$1,200,000 2009
- Well 8, Elevated Tower  
& Radium Removal Plant Manhattan \$6,000,000 2009
- Sewer Rehabilitation Programs Manhattan \$1,000,000 2009
- Wood St. Water Main Replace Markham \$800,000 2005
- WW Treatment Plant Expansion Peotone \$3,000,000 1998

## SUBDIVISION DESIGN

Member of the design team for the following representative projects:

- Schmidt Farms Subdivision, IN Vanco, Inc. \$ 2,000,000 2005
- Ashburn Point Subdivision Krause Const. \$1,000,000 2004
- Boulder Ridge Subdivision Huguelet Const. \$12,000,000 2003
- Colette Highlands Subdivision Huguelet Const. \$10,000,000 2002
- Woodbine West Estates Rathfarn Builders \$3,000,000 2002
- Meadowbrook Estates Subdivision Premier Devlpmnt. \$3,000,000 2001
- Penn Oak Subdivision, IN Fleming Realty \$2,000,000 2001
- Ellendale Farms Subdivision, IN Fleming Realty \$2,000,000 2001
- The Hamptons of Palos Subdivision Acorn Glen Const. \$3,000,000 2001
- Lakeview Estates Subdivision Distinctive Homes \$8,000,000 2000

## TRANSPORTATION DESIGN

Designer and/or Project Manager for more than \$20 Million in local roadway and motor fuel tax (MFT) improvements.

- Wabash St. Reconstruction Manhattan \$300,000 2009
- Marion St. MFT Reconstruction Manhattan \$250,000 2008
- 135th St. Reconstruction Crestwood \$600,000 2005
- 2005 MFT Maintenance Resurface Markham \$300,000 2005
- 143rd St. Reconstruction Crestwood \$600,000 2004
- Wood St. Reconstruction Markham \$3,000,000 2003
- 163rd St. Reconstruction Markham \$900,000 2003
- Harrison Ave. Reconstruction Posen \$600,000 2002
- LaPorte Road Reconstruction Mokena \$250,000 2001
- 2001 MFT Maintenance Resurfacing Markham \$400,000 2001
- 2000 MFT Maintenance Resurfacing Markham \$250,000 2000



## SEAN P. KELLY, PE, CFM, CPESC

Senior Project Manager

### EDUCATION

**Bachelor of Science, Civil Engineering**

University of Illinois, Champaign-Urbana

### PROFESSIONAL REGISTRATION

**Registered Professional Engineer**

Illinois

### CERTIFICATIONS

Certified Floodplain Manager (CFM)

Certified Professional in Erosion and  
Sediment Control (CPESC)

### PROFESSIONAL AFFILIATIONS

American Public Works Associations,  
Illinois

### EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
2002-Present

HNTB Corporation  
1996-2002

Law Engineering  
1994-1996

Mr. Kelly has 16 years' experience in civil engineering and a depth of experience, with emphasis on stormwater, water, wastewater and transportation projects spanning various municipalities throughout the US. He previously managed the company's stormwater group and is now the engineering/operations manager for the Minooka facility and staff, handling budgets and providing technical guidance, workload allocation and quality control.

### PROJECT DESIGN & MANAGEMENT

Has managed the design of more than \$22 million in local water/wastewater and an additional \$14 million in local transportation infrastructure projects.

• Ferguson Boulevard Construction	Minooka	\$4,330,000	2010
• Contract A Historic Road Reconstruction	Minooka	\$1,482,000	2009
• Contract B Historic Road Reconstruction	Minooka	\$2,232,000	2009
• ARRA Watermain Replacement Design	Harvey	\$1,700,000	2009
• Massasoit-Coady Reconstruction	Minooka	\$1,290,000	2007
• Wabena Reconstruction	Minooka	\$1,100,000	2007
• Mondamin-Wabena-Osceola Utilities	Minooka	\$980,000	2007

### STORMWATER, WATER & SEWER

Has designed, managed, and permitted numerous stormwater and floodplain management-mitigation projects for private and public sector clients. Proficient in computer modeling for evaluating floodplain impacts for major and minor waterways for transportation agencies in Illinois and Wisconsin and the US Army Corps of Engineers in Missouri.

Has also designed nearly \$19 million in local water and sewer infrastructure projects, ranging from utility replacements within urbanized areas to new extensions to facilitate future development.

### TRANSPORTATION STUDIES & ENVIRONMENTAL REPORTS

Assisted in the preparation of the location drainage component for IL Route 53 Phase I studies for Romeoville's federally funded Surface Transportation Program (STP) project from 2009-2010.

### MUNICIPAL ENGINEERING & MASTER PLANNING

Has served as the Municipal Engineer for Palos Park (2003-2006) and currently for Minooka (2006-Present), providing daily engineering consultation, as well as engineering review, design, and planning, including project management and assistance in the development of major transportation and sanitary master planning projects for Minooka in 2007.



# JENNIFER S. PRINZ, PE, CFM

Senior Engineer

## EDUCATION

**Bachelor of Science  
Engineering**

University of Illinois

## PROFESSIONAL REGISTRATIONS

Professional Engineer

Illinois, Indiana

## PROFESSIONAL CERTIFICATIONS

Certified Floodplain Manager  
(CFM)

## PROFESSIONAL AFFILIATIONS

South Suburban Water Works Assoc.

## EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
2000-Present

As Senior Engineer, Ms. Prinz, is responsible for water and sewer system projects, computer modeling, and agency permitting as required for specific projects. As a municipal engineer, she also has additional duties including site plan and subdivision plan reviews, project management, and pavement management program implementation. She has worked with numerous municipalities and is the designated engineer for the Villages of Palos Park and Tinley Park, IL. Ms. Prinz also does all water-related design work in the Town of St. John, Indiana.

## MUNICIPAL ENGINEERING

Ms. Prinz has served as the firm's Municipal Engineer for the following communities, which continue to utilize Robinson Engineering, Ltd. today. As the engineering representative, responsibilities include daily interaction and engineering consultation as necessary as well as design and management of capital improvement projects.

Village of Tinley Park	2001-present
Village of Palos Park	2006-Present
Village of Glenwood	2000-2006

- Performed over 100 development plan reviews for compliance
- Authored revisions to Village Subdivision and Development Regulations
- Coordinates regular updates to Water and Sewer Atlases
- Design, permitting and contract documents for various capital improvement projects including watermain, sanitary sewer and lift stations
- Coordination and management of the annual Pavement Management Program, including HSO Resurfacing and Cracksealing (> \$1,500,000)
- Submitted grant applications and documentation for ITEP, CMAQ, STP, STU and HSIP funding
- IDOT Documentation for MFT and federally funded projects

## WATER AND SEWER

With over 15 years of experience in the water and sewer industry, Ms. Prinz has designed, permitted and managed several large water distribution system projects.

• Pump Station Upgrade & Reservoir Expansion	Palos Park	\$2,073,141	2010
• Well and Iron Removal Plant	St. John	\$2,163,987	2010
• 1MG Composite Elevated Tank	St. John	\$2,030,000	2009
• 500,000 Gallon Elevated Tank	Calumet Park	\$1,094,974	2008
• Water Treatment Plant Expansion	St. John	\$1,536,860	2007
• 1MG Elevated Tank	Romeoville	\$1,413,900	2006
• 16" Arterial Watermain	Lockport	\$1,529,010	2005
• 1MG Fluted Column Elevated Tank	Lockport	\$2,219,917	2005
• Glenwoodie Golf Course Sanitary Lift Station, Forcemain and Gravity Sewer	Glenwood	\$980,000	2005
• 36" Transmission Main	Tinley Park	\$3,395,000	2003
• Deep Well Design	Lockport	\$473,950	2003



# JONATHON A. ZABROCKI, PE, CFM, LEED AP

Senior Project Manager

## EDUCATION

**Bachelor of Science, Civil Engineering**  
Northwestern University

**Master of Science, Civil Engineering**  
Northwestern University

## PROFESSIONAL REGISTRATIONS

**Professional Engineer**  
Illinois, California, Colorado, Iowa

## PROFESSIONAL CERTIFICATIONS

Certified Floodplain Manager  
(CFM)

Leadership in Energy and Environmental  
Design Accredited Professional  
(LEED AP)

## PROFESSIONAL AFFILIATIONS

Society of American Military Engineers  
(SAME)

Engineers Without Borders  
(EWB)

## PUBLICATIONS

“Blown Out of the Wastewater”  
*Water & Wastes Digest*  
September 2005, Volume 45, No: 9

## EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
2001-Present

Matrix Design Group (Denver, CO)  
2000-2001

Harding Lawson Associates  
(Los Angeles, CA & Denver, CO)  
1995-2000

Mr. Zabrocki has been involved in a myriad of civil and environmental engineering projects addressing the complex infrastructure, environmental and land use issues facing local municipalities. He applies his expertise daily, assisting clients in balancing economic development opportunities, improving the quality of life enjoyed and expected by the community, and addressing regulatory mandates. With a rare ability to combine comprehensive engineering skills and sound communication skills, he works to work effectively with local government officials and the general public.

## MUNICIPAL ENGINEERING

He has assisted his clients with many facets of municipal engineering including comprehensive community planning, master planning, transportation planning and design, environmental impacts, utility infrastructure planning and design, environmental re-mediation, and construction inspection. Since 2001, he has conducted numerous Development Plan Reviews for stormwater management, traffic analysis and FEMA submittals for various communities.

- Village of Romeoville 2002-present
- City of Lockport 2001-2002

## WATER/WASTEWATER PROJECT DESIGN & MANAGEMENT

He has designed and managed more than \$100 million in water/wastewater infrastructure projects including:

- Woods Lift Station Upgrades Romeoville \$2,500,000 2010
- Hickory Creek Lift Station Frankfort \$800,000
- Water System Radium Removal Romeoville \$12,000,000
- Village-Wide Sewer Rehabilitation Romeoville \$4,500,000 2002-pres
- WW Treatment Plant Expansion Lockport \$6,500,000 2003

## LAND DEVELOPMENT DESIGN & MANAGEMENT

His projects have consistently been developed with budget conscious, innovative and functional design solutions. Some examples of his experience includes:

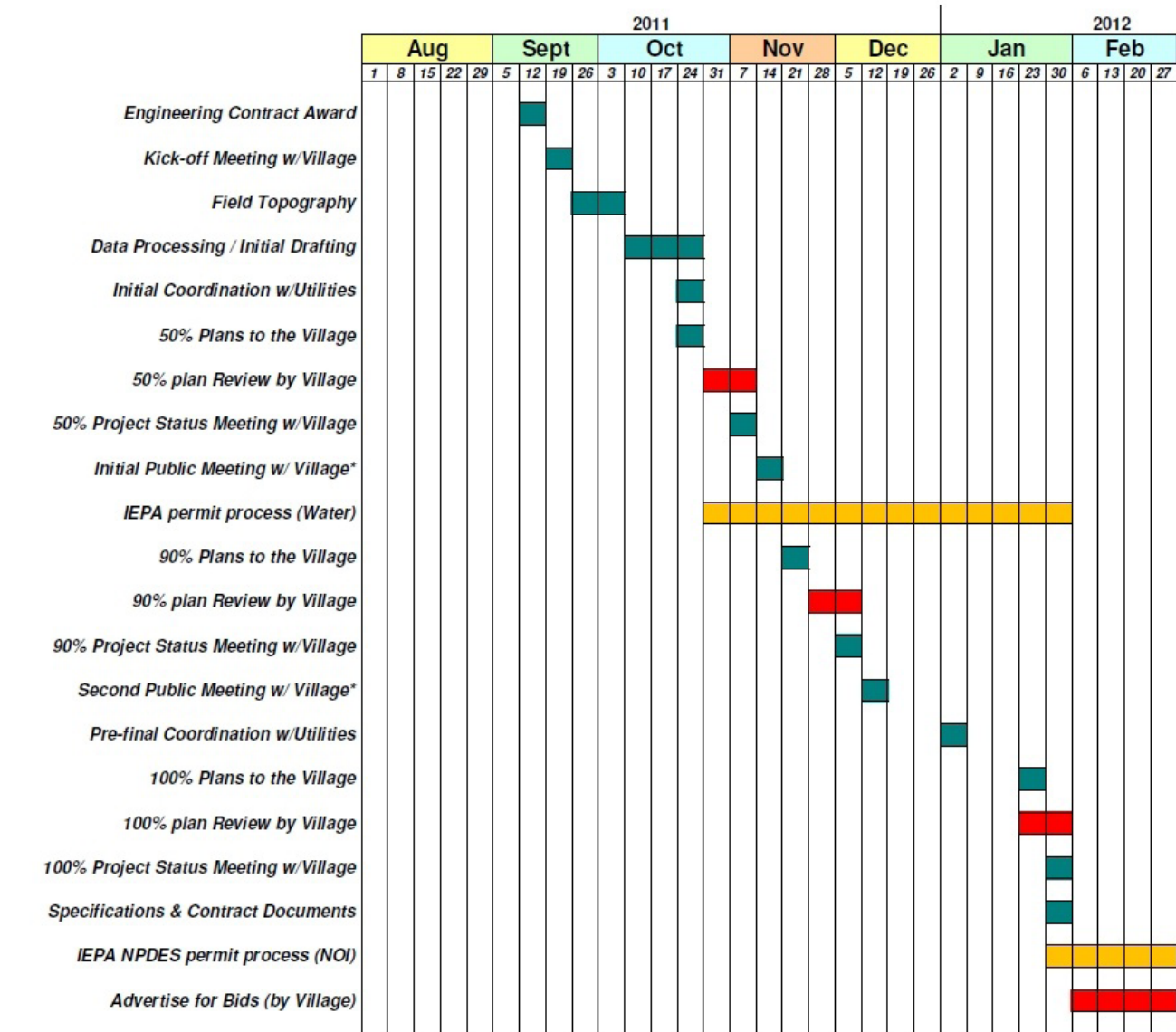
- Lumberg Elementary Site Improvement Jefferson County, CO \$500,000
- Fitzsimons Utility Plant Improvement Aurora, CO \$1,500,000
- Hilltop Bus Terminal Denver Public School Syst \$2,500,000
- Ricketson Law Bldg, LEED Gold Denver, CO \$40,000,000

## MASTER PLANNING

Mr. Zabrocki has managed or been the principal author of the following master planning efforts on behalf of client communities:

- East-Side Water/Sewer Study Romeoville 2010
- Regional Sanitary Sewer Study Peotone 2008
- Downtown Utility & Stormwater Plan Romeoville 2006
- Service Area 1 and 2 Master Water/ Sanitary Studies and Recapture Model Romeoville 2002
- Master Sanitary Sewer Study Lockport 2001
- N. Campus Sanitary Sewer Study University of Denver 2000
- Base-Wide GPS Utility Survey Sierra Army Depot 1999

The roadway reconstruction and water main replacement work desired by the Village of Downers Grove is typical of projects we've completed for numerous communities over the past several years. Recognizing that the Village desires to have the project bid during the winter months to facilitate early 2012 construction, we are confident in our ability to meet the following proposed schedule.



**DESIGN ENGINEERING FEES**

Robinson Engineering, Ltd. takes pride in delivering the highest value professional engineering services to the region, and by company policy does not participate in cost-based selections that violate state statutes and the federal Brooks Act. That stated, we do appreciate the need for the Village to have accurate budgets for engineering services, especially during the current economic times. Therefore, as requested by the RFP we provide the following estimate of the hours and costs for the various tasks described on the preceding pages. The total estimated fee of \$153,120 shall not be exceeded without prior authorization from the Village.



**Estimated Engineering Costs for Options**

<b>TASK CATEGORY</b>	<b>ESTIMATED MAN-HOURS</b>	<b>TOTAL BUDGET</b>
Field and Topographic Survey & Data Collection	302	\$26,040
Data Processing / Initial Drafting	240	\$21,400
Design, Specifications, Permits*	988	\$105,680
<b>Totals</b>	<b>1,530</b>	<b>\$153,120</b>

\* - includes meetings with Village staff as needed

Please note that these costs do not include costs for bidding services, construction engineering, or as-built drawing preparation. We would be pleased to provide costs for these services upon request by the Village.

Standard Per Diem Rates:

<b>CLASSIFICATION</b>	<b>RATE</b>	<b>CLASSIFICATION</b>	<b>RATE</b>
Principal Engineer 2	\$185.00	Project Developer 2	\$100.00
Principal Engineer 1	\$170.00	Project Developer 1	\$80.00
Senior Project Manager 2	\$155.00	GIS Coordinator	\$125.00
Senior Project Manager 1	\$145.00	GIS Developer	\$100.00
Senior Engineer 2	\$140.00	GIS Technologist	\$80.00
Senior Engineer 1	\$130.00	CAD Manager	\$110.00
Project Engineer 3	\$110.00	CAD Designer	\$100.00
Project Engineer 2	\$100.00	CAD Technologist 2	\$85.00
Project Engineer 1	\$90.00	CAD Technologist 1	\$75.00
Project Manager 2	\$110.00	Resident Engineer 3	\$120.00
Project Manager 1	\$100.00	Resident Engineer 2	\$105.00
Engineering Technologist 3	\$95.00	Resident Engineer 1	\$90.00
Engineering Technologist 2	\$85.00	Resident Engineering Representative 3	\$100.00
Engineering Technologist 1	\$75.00	Resident Engineering Representative 2	\$95.00
Engineering Technician 2	\$90.00	Resident Engineering Representative 1	\$90.00
Engineering Technician 1	\$80.00	Field Superintendent	\$125.00
Chief Land Surveyor	\$140.00	Assistant Field Superintendent	\$115.00
Land Surveyor 3	\$120.00	Field Crew Chief	\$90.00
Land Surveyor 2	\$105.00	Field Crew Member 2	\$70.00
Land Surveyor 1	\$90.00	Field Crew Member 1	\$55.00
Surveying Technologist 2	\$90.00	IT Coordinator	\$110.00
Surveying Technologist 1	\$80.00	IT Technologist	\$80.00
Grant Writer 2	\$85.00	Administrative 2	\$65.00
Grant Writer 1	\$70.00	Administrative 1	\$55.00
		Project Administration	\$80.00

**V. PROPOSAL/CONTRACT FORM**

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

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

**PROPOSER:**

Robinson Engineering, Ltd.

Date: August 16, 2011

Company Name

*cking@reltd.com*

10045 Lincoln Hwy.

Email Address

Street Address of Company

Christopher J. King

Frankfort, IL 60423

Contact Name (Print)

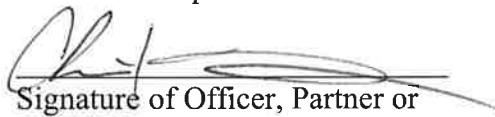
City, State, Zip

708-210-5680

815-806-0300

24-Hour Telephone

Business Phone



815-806-0301

Signature of Officer, Partner or Sole Proprietor

Fax

Christopher J. King, President

Print Name & Title

ATTEST: If a Corporation

*James M. Hush*  
Signature of Corporation Secretary

**VILLAGE OF DOWNERS GROVE:**

Authorized Signature

ATTEST:

Title

Signature of Village Clerk

Date

Date

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



**VENDOR W-9 REQUEST FORM**

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

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

**BUSINESS (PLEASE PRINT OR TYPE):**

NAME: Robinson Engineering, Ltd.

ADDRESS: 10045 W. Lincoln Hwy.

CITY: Frankfort

STATE: IL

ZIP: 60423

PHONE: 815-806-0300 FAX: 815-806-0301

TAX ID #(TIN): 36-2407339

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

**REMIT TO ADDRESS (IF DIFFERENT FROM ABOVE):**

NAME: Robinson Engineering, Ltd.

ADDRESS: 17000 South Park Avenue

CITY: South Holland

STATE: IL ZIP: 60473

**TYPE OF ENTITY (CIRCLE ONE):**

- Individual
- Sole Proprietor
- Partnership
- Medical
- Charitable/Nonprofit
- Limited Liability Company -Individual/Sole Proprietor
- Limited Liability Company-Partnership
- Limited Liability Company-Corporation
- Corporation
- Government Agency

SIGNATURE: 

DATE: 8-17-11

**PROPOSER'S CERTIFICATION**

Roadway Reconstruction Knottingham

With regard to \_\_\_\_\_, proposer Robinson Eng., Ltd hereby certifies  
(Name of Project) (Name of Proposer)  
the following:

1. Proposer is not barred from bidding this contract as a result of violations of Section 720 ILCS 5/33E-3 (Bid Rigging) or 720 ILCS 5/33E-4 (Bid-Rotating);
2. Proposer certifies that it has a written sexual harassment policy in place and is in full compliance with 775 ILCS §12-105(A)(4);
3. Proposer certifies that it is in full compliance with the Federal Highway Administrative Rules on Controlled Substances and Alcohol Use and Testing, 49 C. F.R. Parts 40 and 382 and that all employee drivers are currently participating in a drug and alcohol testing program pursuant to the Rules.
4. Proposer further certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue, or that Proposer is contesting its liability for the tax delinquency or the amount of a tax delinquency in accordance with the procedures established by the appropriate Revenue Act. Proposer further certifies that if it owes any tax payment(s) to the Department of Revenue, Proposer has entered into an agreement with the Department of Revenue for the payment of all such taxes that are due, and Proposer is in compliance with the agreement.

BY: [Signature]  
Proposer's Authorized Agent

3 6 - 2 4 0 7 3 3 9

**FEDERAL TAXPAYER IDENTIFICATION NUMBER**

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

Subscribed and sworn to before me  
this 16<sup>th</sup> day of August, 2011  
Raven U. Carson  
Notary Public)



(Fill Out Applicable Paragraph Below)

**(a) Corporation**

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

President: Christopher J. King, PE, SE

Secretary: James M. Grisham

Treasurer: James M. Grisham

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

**(b) Partnership**

Signatures and Addresses of All Members of Partnership:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The partnership does business under the legal name of: \_\_\_\_\_  
which name is registered with the office of \_\_\_\_\_ in the state of \_\_\_\_\_.

**(c) Sole Proprietor**

The Supplier is a Sole Proprietor whose full name is: \_\_\_\_\_  
and if operating under a trade name, said trade name is: \_\_\_\_\_  
which name is registered with the office of \_\_\_\_\_ in the state of \_\_\_\_\_.

5. Are you willing to comply with the Village's preceding insurance requirements within 13 days of the award of the contract?

Village of Downers Grove

Insurer's Name Robinson Engineering, Ltd.

Agent Harleysville Lake States Insurance Agency

Street Address 600 East Front Street, Suite 200

City, State, Zip Code Traverse City, MI 49686

Telephone Number 800-523-6344

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

Print Name of Company: Robinson Engineering, Ltd.

Print Name and Title of Authorizing Signature: Christopher J. King, President

Signature: 

Date: August 17, 2011

**Suspension or Debarment Certificate**

Non-Federal entities are prohibited from contracting with or making sub-awards under covered transactions to parties that are suspended or debarred or whose principals are suspended or debarred. Covered transactions include procurement for

Village of Downers Grove

goods or services equal to or in excess of \$100,000.00. Contractors receiving individual awards for \$100,000.00 or more and all sub-recipients must certify that the organization and its principals are not suspended or debarred.

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

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

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

Company Name: Robinson Engineering, Ltd.

Address: 17000 South Park Avenue

City: South Holland, IL Zip Code: 60473

Telephone: ( 708) 331-6700 Fax Number: ( 708) 331-3826

E-mail Address: cking@reltd.com

Authorized Company Signature: 

Print Signature Name: Christopher J. King Title of Official: President

Date: August 17, 2011

**CAMPAIGN DISCLOSURE CERTIFICATE**

Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed Campaign Disclosure Certificate.

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

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

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

Under penalty of perjury, I declare:

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

  
Signature

Christopher J. King, President  
Print Name

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

Print the following information:

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

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

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

\_\_\_\_\_  
Signature

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

## **Robinson Engineering, Ltd**

### **Litigation**

Instructions: List any litigation the firm has filed or has filed against it in the last five (5) years.

- 1 Case Name Robert Wisz v Robinson Engineering, Ltd. ("REL")  
Case # 05 M6 06059  
Court Circuit Court of Cook County, IL, Municipal Department, Sixth District  
Basis Breach of Contract  
Outcome Settled
  
- 2 Case Name City of Mendota v Arc Design & Resources, Inc & REL  
Case # 2008 L-147  
Court Circuit Court of the Thirteenth Judicial District, LaSalle County, IL  
Basis Breach of Contract & Misrepresentation  
Outcome Settled
  
- 3 Case Name Robert Jones v Village of Tinley Park, REL et al.  
Case # 06 L 005856  
Court Circuit Court of Cook County, IL County Department, Law Division  
Basis Negligence  
Outcome Settled
  
- 4 Case Name Borom, et al v. Town of Merrillville, IN REL, et al.  
Case # 07-CV-098RM  
Court US District Court for the Northern District of Indiana, Hammond Division  
US Court of Appeals 7th Circuit  
Basis Sect 1183 & Negligence  
Outcome Motion for Summary Judgment by REL granted by District Court  
Plaintiff's appeal denied by Appellate Court
  
- 5 Case Name Szymusiak v Tinley Park, IL REL et al.  
Case # 06 L 13582  
Court Circuit Court of Cook County, IL County Department, Law Division  
Basis Wrongful Death/Negligence & Survival Action/Negligence  
Outcome Pending
  
- 6 Case Name Campbell et al. v City of Hammond, IN & REL et al.  
Case # 45D11-0711-CT-185  
Court Superior Court of Lake County, IN sitting in Crown Point, IN  
Basis Negligence  
Outcome Settled

# 2011-2015 Capital Project Sheet

Project # **ST-011**

## Project Description **Roadway Reconstruction, Knottingham**

### Project summary, justification and alignment to Strategic Plan

The reconstruction of Knottingham, Baimbridge, Rohrer, Queens, Sherwood, Marie and Elizabeth are included in this project. This subdivision was built in the mid 1970's with inadequate roadway drainage and utilized a pozzolonic road base. This material has a very poor performance history and deteriorates rapidly. The entire roadway system within Knottingham must be reconstructed.

Cost Summary	New	Maintenance	Replacement	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Future Years	TOTAL
				Professional Services				250,000	200,000	
Land Acquisition										-
Infrastructure		X			4,850,000					4,850,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
<b>TOTAL COST</b>				250,000	5,050,000	-	-	-	-	5,300,000
<b>Funding Source(s)</b>										
220-Capital Improvements Fund	▼			250,000	5,050,000					5,300,000
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>				250,000	5,050,000	-	-	-	-	5,300,000

Project status and completed work

Grants (funded or applied for) related to the project

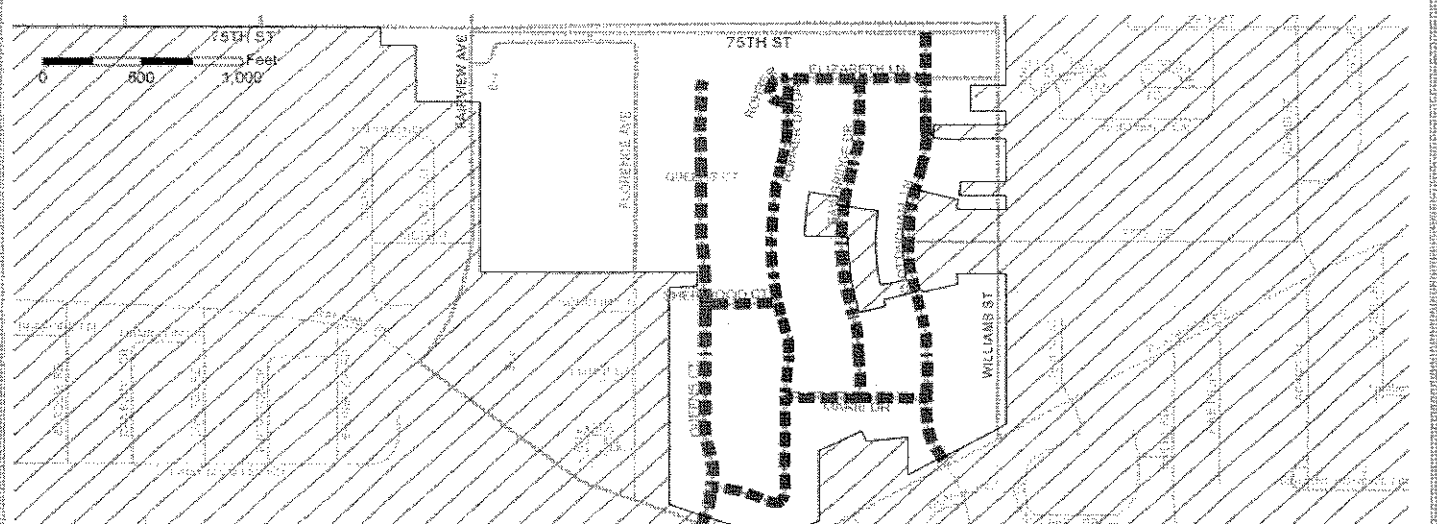
Project deferred from 2011 to 2012. Water main replacement will be coordinated with this project.

None.

Impact-annual operating expenses	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Emergency Patching in this area will be alleviated by this project.

### Map/Pictures of Project



### Internal staff information:

Priority Score **High**

Project Manager:

**Andy Sikich**

Program: **342**

Department:

**Public Works**

# 2011-2015 Capital Project Sheet

Project # **WA-032**

## Project Description **Watermain Replacement, Knottingham**

### Project summary, justification and alignment to Strategic Plan

The watermain in the Knottingham subdivision dates to the late 70s. We have been experiencing a greater number of breaks on it in recent years and determined that it would be prudent to have the system replaced prior to or in conjunction with the proposed roadway reconstruction project.

Cost Summary	New	Maintenance	Replacement	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Future Years	TOTAL
				Professional Services						
Land Acquisition										-
Infrastructure		X			1,600,000					1,600,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
<b>TOTAL COST</b>				-	1,600,000	-	-	-	-	1,600,000
<b>Funding Source(s)</b>										
481-Water Fund	▼				1,600,000					1,600,000
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>				-	1,600,000	-	-	-	-	1,600,000

### Project status and completed work

Design to be performed in 2011 along with design of street reconstruction.

### Grants (funded or applied for) related to the project

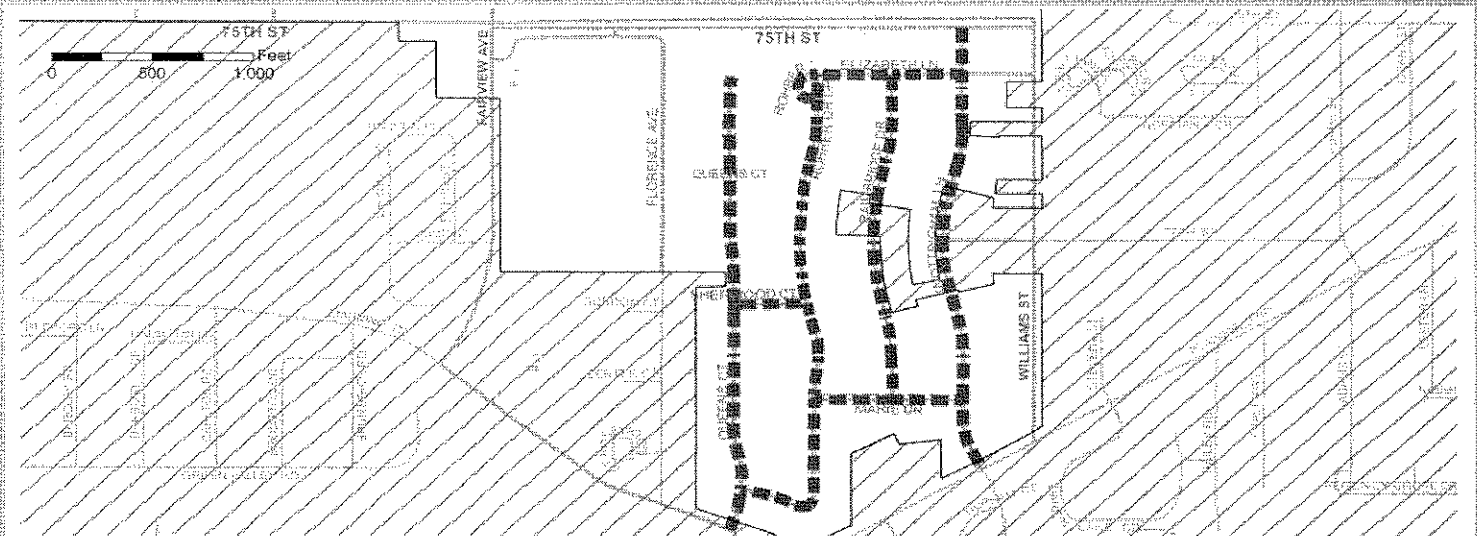
None.

### Impact-annual operating expenses

Projected Operating Expense Impact:

FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Future Yrs	TOTAL
						-

### Map/Pictures of Project



### Internal staff information:

Priority Score **Medium**

Project Manager:

**David Bird**

Program: **394**

Department:

**Public Works**