

STREETS & GRADES COMMITTEE MEETING

AGENDA

May 16, 2016 5:30 P.M.

I Call to Order/Roll call of Members and Staff

II Recognition of Guest Alderman

III Recognition of Other Guests

IV Public Participation

V Approval of Minutes from April 18, 2016

VI Director of Public Works

VII New Business

1. 2016 Infrastructure Program

Consider approval of apparent low bidder.(MFT/TIF FUNDS)

2. 2016 Sidewalk Program

Consider approval of apparent low bidder .(MFT/TIF FUNDS)

3. 2016 General Maintenance Culverts

Consider approval of apparent low bidder. (MFT FUNDS)

4. 2016 General Maintenance Aggregates

Consider approval of apparent low bidder. (MFT FUNDS)

5. 2016 General Maintenance Asphalt

Consider approval of apparent low bidder. (MFT FUNDS)

6. 2016 General Maintenance Salt

Consider approval of apparent low bidder. (MFT FUNDS)

7. Various Surveying Services

Consider approval of Kuhlman Design Group to perform various surveying services in the amount of \$35,000.00(TIF 3)

8. R.O.W Vacation at Union Avenue and Huff Avenue

Consider approval of R.O.W Vacation request at Union Avenue and Huff Avenue

9. EOC Parking Lot

Consider approval of Rooters in the amount of \$61,416.05 (TIF 3)

10. Dutch Hollow Bridge

Consider approval of Oates Associates in the amount of \$72,000.00 to perform phase II engineering services (CDBG)

VIII Old Business

Miscellaneous/Aldermanic Discussion

STREETS & GRADES COMMITTEE MEETING MINUTES

6:00 P. M. MONDAY, APRIL 18, 2016

Second Floor Conference Room- City Hall

IN ATTENDANCE	Alderman Paul Seibert
CHAIRMAN	Alderman Ken Kinsella
MEMBERS	Alderman Mike Buettner Alderman Kent Randle Alderman Roger Wigginton Alderman Phil Elmore Alderman Raffi Ovian Alderman Ed Dintelman
ABSENT	Chuck Schaeffer, Director of Public Works Mike Parks, Assistant Director of Public Works
STAFF	Tim Gregowicz, City Engineer Dean Hardt, City Treasurer
GUEST ALDERMEN	
ATTENDING	Michael Hagberg, Belleville, IL

Alderman Seibert called the meeting to order at 6:00 P.M.

Alderman Kinsella made a motion to approve the minutes from March 21, 2016. seconded by Alderman Wigginton.

Public Participation.

Michael Hagberg, expressed concerns with S 8th and W Lincoln where a - cracked sidewalk. Taxpayers shouldn't have to pay the street dept to do repairs, when utility work is done. Another problem is at W Main and 14th street, a good cold patch was put in but, wont withstand the summer. Tim Gregowicz stated that the water company has a crew do the repairs and then 2-3 weeks later, after everything has settled, another contractor comes in to put in the permanent patch.

Michael Hagberg also expressed concerns over the sidewalk located at Henry Raab School. The sidewalk slabs need to be lifted and since it appears there is money left in this year's budget would it be possible to have this fixed. Tim Gregowicz stated that he has been working with Heli Tech on some methods they have to lift sidewalk slabs in a way that is cost effective and non destructive.

Michael Hagberg also wanted to report a storm drain issue on 1000 Caroline that needs to be addressed.

Public Works Department

Alderman Buettner stated that a City owned car is parked on n 13th and the car is parked illegally.

Alderman Wigginton brought up last year's oil and chip program. Alderman Wigginton stated he received complaints about the work that was done by the contractor. Contractors should be responsible to clean up chat that is against the curbs. City should be more involved when the contractors are doing oil and chip so that the city isn't having to go back to clean it up.

New Business

1) Phase II Storm Water Permit

Tim Gregowicz, City Engineer, stated this was to consider approval for RJN Group in the amount of \$1,500.00 to perform Engineering Services (NPDES). RJN Group has done this work for the last four years. Alderman Ovian made a motion to approve RJN Group in the amount of \$1,500.00 to perform Engineering Services (NPDES). Alderman Wigginton seconded the motion. All members present voted aye. Motion Carried.

Old Business

1) Volkert Update on Negotiations for 29th Street Project

Tim Gregowicz, City Engineer, Volkert gave executive summary on where we were at with all negotiations in regards to S. 29th st. Alderman Kinsella expressed concerns with not wanting to get involved with the negotiation process, as that should all be left to Volkert. Tim Gregowicz stated that in summary, owners have the same language that the offers are not high enough and they want to be bought out.

Miscellaneous/Aldermanic Discussion

Dutch Hollow Bridge Update

Tim Gregowicz, stated that Dutch Hollow has been a topic in Ward 4 and the alderman have been getting asked questions. Tim Gregowicz prepared a letter that gives a brief overview in regards to the bridge and where we are at today with the bridge. CDBG funds will be fully used for this project. No MFT money will be used on this project. Discussion ensued over the fund availability and when it has to be used by.

Alderman Ovian brought up mine subsidence issues on n 98th. Tim Gregowicz indicated there are problems and that he is working on getting in touch with IDNR in regards to this.

Asphalt down to bricks. N 12th and A Street. Cold patch will not stick to brick. Will look at it.

Alderman Kinsella made a motion to adjourn the meeting seconded by Alderman Dintelman at 6:24 p.m. All members present voted aye. Motion approved

Respectfully submitted,
Lauren Maule
Engineering Secretary



May 5, 2016

Mr. Timothy Gregowicz
City Engineer - Belleville
407 East Lincoln Street
Belleville, Illinois 62220

Re: Belleville Surveying Services
Belleville, Illinois
KdG Proposal No. 160083-0001

Dear Mr. Gregowicz:

Kuhlmann *design* Group, Inc. (KdG) is pleased to forward our proposal for surveying services for the City of Belleville, Illinois.

Enclosed you will find our proposed contract. The scope of services represents our understanding of the tasks and deliverables for the project.

If this proposed contract is acceptable, please retain a copy for your records and return a fully executed copy to KdG. We will consider receipt of the signed contract as your authorization for us to proceed.

Thank you for your cooperation, and we look forward to working with you.

Sincerely,

Kuhlmann *design* Group, Inc.

Christine M. Beasley, PLS
Survey Department Manager

CMB/dpb

Enclosures

B:\zz-Proposals\160083 0001 PROP COB Surveying Services\01 Administration\01 Contract\Proposals\831_PropLtr-2016-05-05.docx



STANDARD CONTRACT FOR PROFESSIONAL SERVICES

CLIENT NAME: City of Belleville
 ADDRESS: 407 East Lincoln Street
 Belleville, Illinois 62220
 CONTACT: Mr. Timothy Gregowicz
 PHONE: 618.257.7649
 FAX: 618.781.5469

DATE: May 5, 2016
 PROJECT NAME: Belleville * Surveying Services
 PROJECT NUMBER: 160083-0001
 PROJECT LOCATION: Belleville, Illinois

SCOPE OF SERVICES

See Exhibit A: Scope of Services, attached and made part of this agreement.

FEE SCHEDULE

Cost Plus to a Max - Estimated Fee.....Thirty-Five Thousand and 00/100 Dollars (\$35,000.00)

CONDITIONS OF PAYMENT

To be billed monthly with payment due within 15 days.

The proposal is valid for 30 days from the date shown above, and is void thereafter.

If the services covered by this Agreement have not been completed within twelve (12) months of the date of this Agreement, through no fault of the Architect/Engineer, extension of the Architect's/Engineer's services beyond that time shall be compensated as Additional Services.

Signing of this contract indicates understanding and acceptance of the Terms and Conditions herein and authorizes KdG to proceed with the services described. Please retain one copy and return one fully executed copy to KdG.

Kuhlmann *design* Group, Inc.
 SIGNATURE: *Christine M. Beasley*
 TITLE: Christine M. Beasley, PLS
 Survey Department Manager
 SIGNATURE: *[Signature]*
 TITLE: John R. Kuhlmann, Jr., PE SE
 Chairman & CEO
 DATE: May 5, 2016

City of Belleville
 AUTHORIZED SIGNATURE: _____
 NAME: Timothy Gregowicz
 TITLE: _____
 DATE: _____

"IMPORTANT TERMS AND CONDITIONS ON REVERSE"

TERMS AND CONDITIONS

To assure an understanding of matters related to our mutual responsibilities, these terms and conditions for professional services are made a part of this agreement for our services:

AMENDMENTS: This agreement may be amended in writing providing both the Client and Kuhlmann design Group, Inc. (KdG) agree to such modifications. This contract constitutes the entire agreement between the parties and no oral agreements, statements or representations are a part of this agreement.

COMPENSATION FOR SERVICES: The basis for compensation will be as identified in the agreement. All items not covered in this agreement and requested by the Client will be performed at an hourly rate based upon the current rate schedule.

When "Lump Sum" Fee is utilized, it shall include all labor incurred by KdG and shall not exceed the fixed payment amount without prior authorization of the Client.

All expenses and/or outside services will be billed at 1.1 times direct cost.

INVOICE AND PAYMENT: KdG may submit monthly statements for services and expenses based upon the proportion of the actual work completed at the time of billing. Unless provided for otherwise, payments for services will be due within 15 days.

If the Client fails to make any payment due KdG for services and expenses within the period specified, a service charge of 1 1/2% per month will be added to the Client's account. This is an annual rate of 18%. If Client fails to fully and timely make any payment due to KdG, KdG may, without any liability or prior notice to Client, suspend all work under this contract until such payment is made, with interest as provided herein.

The Client shall pay the cost of the employees of KdG engaged in connection with collection of any delinquent amounts at the rates specified in KdG's current rate schedule for the time spent.

If legal or collection services are employed to collect any outstanding bills, any expenses including all attorneys' fees and court cost shall be paid by Client.

LIMITATION OF LIABILITY: The Client agrees to limit KdG's liability to the Client and to all construction Contractors and Subcontractors where applicable, on this work, for damages to them, due to KdG's negligent acts, errors or omissions, such that the total aggregate liability of KdG and to all those named shall not exceed the total fee paid to KdG for services rendered on this project.

In no event shall KdG be liable for any indirect, special or consequential loss or damage of any type whatsoever arising out of the performance of the work on this project including, but not limited to, loss of use, loss of income, profit, interest or financing, management or employee productivity, or business interruption, whether caused by the negligence of KdG, or otherwise, and Client shall fully indemnify and hold KdG harmless from any such damages or liability.

By executing this agreement, the Client assumes full liability for any errors or negligence contained in any documentation or information furnished by or on behalf of client.

CERTIFICATE OF MERIT In any action, whether it is in Tort, Contract, or otherwise in which the Client, Owner, Contractor, or any of their subcontractors, sub-subcontractors, agents and employees, seek damages for personal injuries, property damage, lost profits or expectancies, business interruption, death, or other monetary loss by reason of alleged professional malpractice, negligence, or breach of contract by KdG, the plaintiff's attorney or the Plaintiff, if the Plaintiff is proceeding pro se, shall, before filing suit in any competent Court or arbitration forum, submit to KdG an Affidavit declaring that the affiant has consulted and reviewed the facts of the case with an Independent architect or engineer who the affiant reasonably believes:

- (i) is knowledgeable of the relative issues involved in the particular action;
- (ii) practices or has practiced within the last ten years or teaches or has taught within the last ten years in the same area of architecture, engineering, or land surveying that is at issue in the particular action; and
- (iii) is qualified by experience or demonstrated competence in the subject of the case; that the reviewing architect, engineer, or land surveyor has determined in a written report, after a review of relevant material involved in the particular action that there is a reasonable and meritorious cause for the filing of such action; and that the affiant has concluded on the basis of the reviewing architect or engineer's review and consultation that there is a reasonable and meritorious cause of filing of such action.

A copy of the written report, clearly identifying the Plaintiff and the reasons for the reviewing architect or engineer's determination that a reasonable and meritorious cause for the filing of the action exists, must be attached to the Affidavit, but information which would identify the reviewing party may be deleted from the copy attached to the Affidavit.

If an Affidavit complying with this section is not submitted to KdG before suit is filed, such suit shall be subject to dismissal by KdG, with prejudice, with costs and attorney's fees related to the dismissal to be paid by the Plaintiff in favor of KdG.

REUSE OF DOCUMENTS: All documents including drawings and specifications furnished by KdG pursuant to this Agreement are instruments of service and shall remain the property of KdG. They are not intended or represented to be suitable for reuse by Client or others on extensions of this work, or on any other work. Any reuse without specific written consent or adaptation by KdG will be at Client's sole risk, and without liability to KdG. The Client shall indemnify and hold harmless KdG from all claims, damages, losses and expenses including attorneys fees arising out of any unauthorized reuse. Any such reuse will entitle KdG to further compensation at rates to be agreed upon by Client and KdG.

RIGHT OF ENTRY: The Client will provide right of entry for our staff, subcontractors, and all necessary equipment to complete the work. KdG will take all reasonable precautions to minimize damage to the property. It is understood by the Client that in the normal course of work some damage may occur, the correction of which is not part of this agreement.

UTILITIES AND BURIED STRUCTURES: In the prosecution of our work, KdG will take all reasonable precautions to avoid damage or injury to subterranean structures or utilities. Client agrees to hold KdG harmless for any damages to subterranean structures and utilities.

GOVERNING LAWS: The validity or construction of this Agreement, as well as the rights and duties of the parties hereunder, shall be governed by the laws of the State of Missouri. Client consents to jurisdiction in St. Louis County, Missouri and agrees that all court proceedings shall take place in St. Louis County, Missouri.

DISPUTES: If litigation occurs in connection with this agreement, and KdG prevails in such litigation, Client shall pay all costs incurred by KdG, including staff time, court costs, attorney's fees and other expenses related to the litigation.

STANDARD OF CARE: Services performed by KdG will be conducted with the level of care and skill ordinarily exercised by members of the professions currently practicing under similar conditions. No other warranty, express or implied, is made.

PARTIAL INVALIDITY: If any term, covenant, condition or provision of this Agreement is found by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect, and shall in no way be affected, impaired or invalidated thereby.

HEADINGS: Headings in this Agreement are for convenience only and are not intended to be used in interpreting or construing the terms, covenants, and conditions of this Agreement.

RENOVATION/REHABILITATION OF EXISTING STRUCTURES: Where the work involves remodeling and/or rehabilitation of an existing structure, Client agrees that certain assumptions must be made regarding existing conditions and because some of these assumptions may not be verifiable without expending additional sums of money, or destroying otherwise adequate or serviceable portions of the structure, Client agrees that, except for negligence on the part of KdG, Client will hold harmless, indemnify and defend KdG from and against any and all claims arising out of the professional services provided under this Agreement.

ASBESTOS AND HAZARDOUS WASTES: Where the SCOPE OF SERVICES includes asbestos abatement and/or hazardous waste/remediation, Client agrees that the handling or removal of asbestos, asbestos products, and hazardous wastes involves certain health risks which require specific safety measures. KdG will be responsible for safety and safety measures of KdG employees only. The Client is responsible for his own negligence and safety measures for the protection of the Client's employees, contractors, subcontractors and the general public. Client agrees that, except for claims and damages arising from negligent acts, errors or omissions of KdG, Client will hold harmless, defend and indemnify KdG from all claims, suits, expenses or damages arising from or alleged to arise from exposure to, contact with or inhalation of asbestos, asbestos fibers, or any other hazardous or toxic substances, wastes or materials as so designated by any federal, state or local governmental entity or agency.

When the SCOPE OF WORK does not include asbestos and/or hazardous wastes and if, during the performance of work, the presence of hazardous or toxic materials or substances, which are not being properly or safely handled or disposed of, is discovered or suspected by KdG, KdG shall be permitted to immediately cease all work on the project which requires contact with or exposure to such hazardous or toxic materials, until Client has made arrangements satisfactory to KdG for the removal, disposal or handling of same.

Nothing in this agreement shall impose any responsibility or liability on KdG for claims, lawsuits, expenses or damages arising from, or in any manner related to, the exposure to, or the handling, manufacture or disposal of asbestos, asbestos products, or any other hazardous waste or toxic substance of any kind, as so designated by federal, state or local governmental entities or agencies.

CONSTRUCTION PHASE: KdG shall not have control or charge of and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the work. The fees quoted are based on the time necessary to provide the services specified from KdG based on "normal construction performance" of the selected contractor. Client agrees that any additional time required of KdG to administer or review due to delays or other issues of the selected construction contractor will be an added cost to this contract. Additional services are billed hourly per our current hourly rate schedule.

INSURANCE & INDEMNITY: KdG represents and warrants that its employees are protected by Workers Compensation Insurance and that KdG has such coverage under public liability and property damage insurance policies which it believes to be adequate. Certificates for all such policies of insurance shall be provided to Client, upon request in writing. Within the limits and conditions of such insurance, KdG agrees to indemnify and save the Client harmless from and against any loss, damage or liability asserted by third parties solely to the extent arising from any negligent acts by KdG employees, except as otherwise limited by this contract. KdG shall not, in any way, be responsible or liable for any loss, damage or liability beyond the amounts, limits and conditions of such insurance coverage. KdG shall not be responsible for any loss, damage or liability arising from any negligent acts by Client, its agents, staff or other consultants.

To the fullest extent permitted by law, Client shall indemnify and hold KdG harmless from and against any and all claims, damages, losses, suits, actions or expenses, including, but not limited to, attorney's fees, in connection with the project, provided that such claims, damages, suits, losses or expenses are attributable to bodily injury, sickness, disease or death, or to injury or destruction of tangible property (including loss of use resulting therefrom), to the extent caused in whole or in part by negligent errors, acts or omissions of Client, anyone acting directly or indirectly for Client, or anyone for whose acts Client may be liable, regardless of whether or not such claim, damage, suit, action, loss or expense is caused in part by KdG.

It is agreed that General Contractor is solely responsible for jobsite safety, and that this intent shall be made evident in the Client's Agreement with General Contractor. The Client also agrees to list the General Contractor's general liability insurance policy as being primary, and KdG shall be made as additional insured under the General Contractor's general liability insurance policy. KdG shall also be named as an additional insured, with the Client in the contract with the General Contractor, from liability arising from acts of negligence or omissions by the General Contractor.

TERMINATION: This agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period in the written notice. In the event of termination, Client will pay KdG for all services performed and expenses incurred to the termination notice date plus reasonable termination expenses.

In the event of termination or suspension for more than three (3) months, prior to completion of all work covered by this agreement, KdG may, in its sole discretion, complete such analysis and other work necessary to complete required files and may also complete a report on the services performed to the notice date of termination or suspension. The expenses of termination or suspension shall include all direct costs of completing such analyses, records and reports billable at KdG's standard hourly rates.

In the event any phase of the project is delayed for reasons beyond KdG's control, unbilled work will be invoiced at the standard hourly rates for the actual number of hours expended.

ASSIGNS: Neither the Client nor KdG may delegate, assign or transfer his duties or interest in this Agreement without the written consent of the other party. The individual signing this Agreement for client warrants that he or she has full power and authority to do so on behalf of Client.

ENTIRE AGREEMENT: This Agreement constitutes the whole agreement between the parties with respect to the subject matter contained herein and there are no terms other than those contained herein. No modifications or amendment of this Agreement shall be valid unless in writing and signed by the parties hereto. The individual signing this Agreement for Owner warrants that he or she has full power and authority to do so on behalf of Owner.

MISCELLANEOUS: Client recognizes that design and construction documents are imperfect, that changes are a normal part of the construction process and that both Contractor and architect-initiated changes during construction are unavoidable. Under no circumstances shall KdG be responsible to pay for any item, system, structure or component that would have been required or included in the original construction documents or for any betterment cost (i.e. the cost of improving or enhancing the Project).

If Client or its representative observes or otherwise becomes aware of any fault, deficiency or defect in the Project, or any non-conformity with the Contract Documents, Client shall promptly notify KdG in writing of such fault, deficiency, defect or non-conformity.

KdG services under this Agreement are being performed solely for Client's benefit and no other person or entity shall have any claim against KdG because of this Agreement or the performance or non-performance or any services hereunder. Client shall include this provision in any agreement it enters into with another personal entity involving this Project.



EXHIBIT A – SCOPE OF SERVICES

CLIENT NAME: City of Belleville
ADDRESS: 407 East Lincoln Street
Belleville, Illinois 62220

DATE: May 5, 2016
PROJECT NAME: Belleville * Surveying Services
PROJECT NUMBER: 160083-0001
PROJECT LOCATION: Belleville, Illinois

SCOPE OF SERVICES

Kuhlmann *design* Group, Inc. to provide miscellaneous surveying services to the City of Belleville, Illinois.

Services shall include miscellaneous surveys as requested or as needed for the City from May1, 2016 through April 30, 2017.



EXHIBIT B - HOURLY RATE FEE SCHEDULE

DESCRIPTION	AMOUNT PER HOUR
Project Principal	\$205.00
Project Manager V	\$185.00
Project Manager IV	\$175.00
Project Manager III	\$165.00
Project Manager II	\$155.00
Project Manager I	\$145.00
Project Architect/Engineer/Designer II	\$135.00
Project Architect/Engineer/Designer I	\$125.00
Architect/Engineer/Designer IV	\$115.00
Architect/Engineer/Designer III	\$105.00
Architect/Engineer/Designer II	\$ 90.00
Architect/Engineer/Designer I	\$ 80.00
Technician II	\$ 70.00
Technician I	\$ 65.00
Word Processor	\$ 65.00
Three-Person Survey Crew	\$220.00
Two-Person Survey Crew	\$155.00
One-Person Survey Crew	\$ 80.00
Land Surveyor	\$140.00
Field Supervisor II	\$ 80.00
Field Supervisor I	\$ 75.00

All reimbursable expenses incurred for a project are billed at cost plus ten percent (10%).

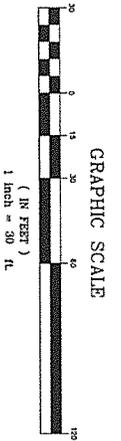
A 1.5 multiplier will be applied to the above hourly rates for services relating to litigation and expert witness.

Travel time to and from jobsite will be charged at the above hourly rates.

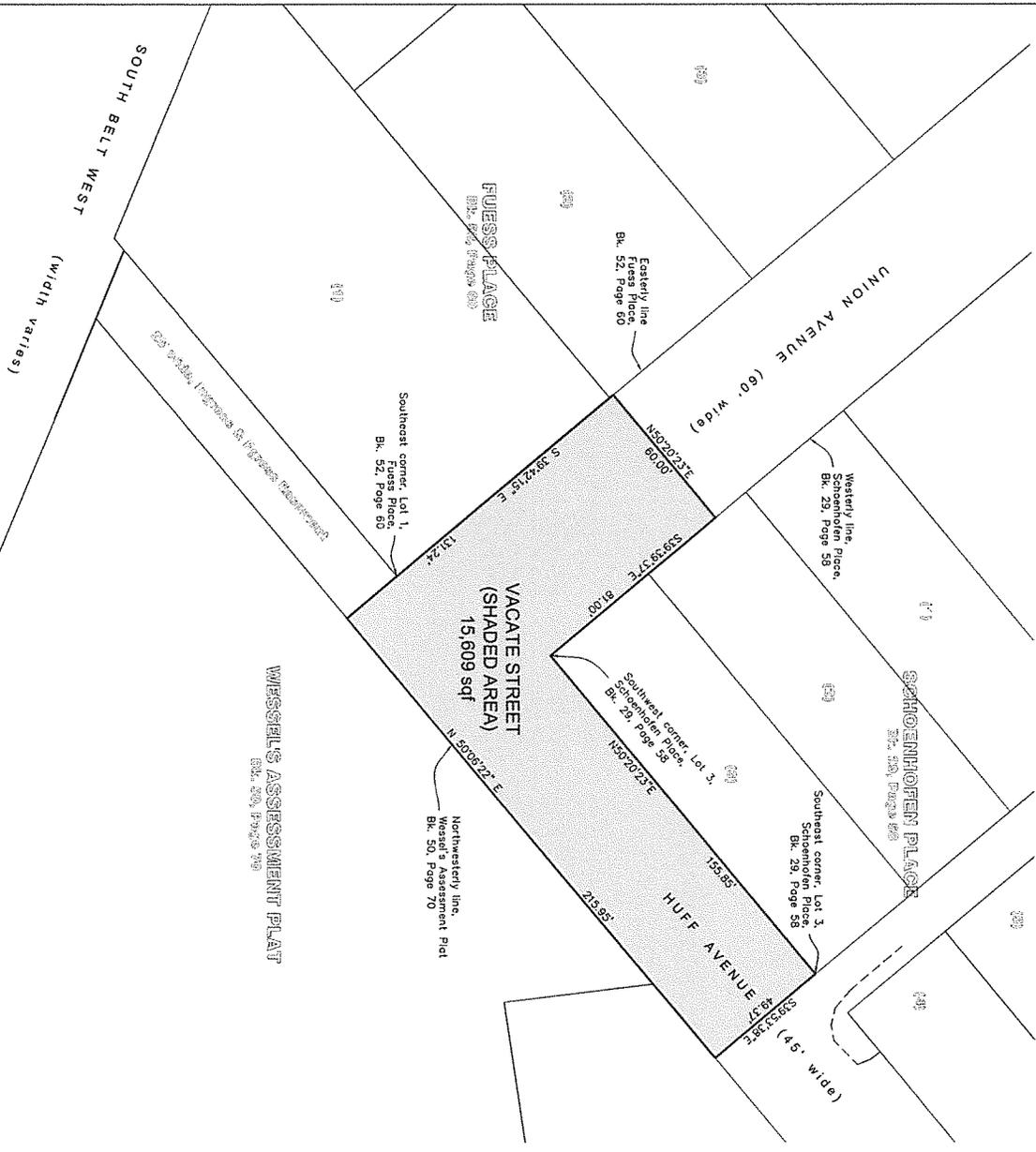
Expenses include but are not limited to: travel, subsistence when applicable, telephone charges, reproductions, shipping charges, rental equipment (including repair); additional vehicle, if required; and all Subcontractors (borings, survey, test pit excavations, etc.) engaged by us on behalf of Clients.

THIS FEE SCHEDULE IS SUBJECT TO REVISION.

(ASSUMED)
SCALE: 1" = 30'
○ = IRON MARKER FOUND
● = 1/2" IRON PIN TO BE SET
▲ = STONE FOUND



UNION AVENUE & HUFF AVENUE - VACATION PLAT
PART OF LOT 4 AND PART OF THE SOUTHWEST QUARTER OF SECTION 28,
TOWNSHIP 1 NORTH, RANGE 8 WEST OF THE THIRD PRINCIPAL MERIDIAN,
CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS



DESCRIPTION:
 Part of Lot 4 and part of the southwest quarter of section 28, Township 1 North, Range 8 West of the Third Principal Meridian, St. Clair County, Illinois, described as follows:
 City of Belleville at the southeast corner of Lot 3 of Schoenhofen Placé, a subdivision recorded in Book of Plats 29, Page 58 of the St. Clair County, Illinois, Recorder's Office; thence, S.50°20'23\"/>

SURVEYOR'S CERTIFICATE:
 I hereby certify that, to the best of my knowledge and belief, this is a correct representation of a vacation plat made under my supervision at the request of, and for the exclusive use of the owners, or their representatives, in April, 2016.

Patrick R. Nattermeyer, L.P.L.S. No. 2704
 Expedition Date: November 30, 2016

It is not warranted that this plat contains complete information regarding dedications, easements, rights of way, Federal Emergency Management Agency Flood Zones, encroachments, building locations, occupation lines, or other encumbrances. For complete information, a title opinion or commitment for the insurance and FEMA maps should be obtained, reviewed, and upon request additional information can be included on this plat. This professional service conforms to the current Illinois minimum standards for a boundary survey.

Roadway & Easement Vacation Resolution:
 State of Illinois
 County of St. Clair
 vs

I, Mark W. Eckert, Mayor of the City of Belleville, do hereby certify that the Union Avenue & Huff Avenue - Vacation Plat shown hereon was duly presented to the City Council at a meeting of same held on this _____ day of _____, 20____, and, at this meeting they approved vacating the portions of Union Avenue & Huff Avenue described hereon. I further certify that the City Council at said meeting resolved and approved that all of the public roadway rights that existed in this portion of the Union Avenue & Huff Avenue right-of-way vacated hereon shall revert back to the owners in a manner shown and described hereon.

Mayor _____
 City Clerk _____

WESSLE'S ASSESSMENT PLAT
 Bk. 40, Page 79

Southwest corner, Lot 3,
 Schoenhofen Placé,
 Bk. 29, Page 58

Southwest corner, Lot 1,
 Fuess Placé,
 Bk. 52, Page 60

Northwestern corner, Lot 3,
 Schoenhofen Placé,
 Bk. 29, Page 58

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City of Belleville Engineering Department
 County: St. Clair
 Date: APRIL 25, 2016
 Time: 10:00 a.m.

Bid Date: 04/25/16
 Time: 10:00 AM
 Project: EOC PARKING LOT

Low Bidder: Rooters
 Low Bid: \$61,416.05

Pay Items	Quantity	Engineer's Estimate		Rooters		Gleeson		Hanks	
		UP	Total	UP	Total	UP	Total	UP	Total
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	0	\$ 80.00	\$0.00	60.00	\$0.00	60.00	\$0.00	15.00	\$0.00
EARTH EXCAVATION	750	\$ 14.00	\$10,500.00	15.70	\$11,775.00	15.00	\$11,250.00	8.00	\$6,000.00
TRENCH BACKFILL	0	\$ 40.00	\$0.00	27.50	\$0.00	30.00	\$0.00	36.00	\$0.00
SEEDING, CLASS 1A	0	\$ 5,000.00	\$0.00	7500.00	\$0.00	4000.00	\$0.00	2200.00	\$0.00
NITROGEN FERTILIZER NUTRIENT	0	\$ 1.00	\$0.00	5.00	\$0.00	3.00	\$0.00	2.30	\$0.00
PHOSPHORUS FERTILIZER NUTRIENT	0	\$ 1.00	\$0.00	5.00	\$0.00	3.00	\$0.00	2.30	\$0.00
POTASSIUM FERTILIZER NUTRIENT	0	\$ 2,500.00	\$0.00	7500.00	\$0.00	1000.00	\$0.00	2200.00	\$0.00
MULCH, METHOD 2	0	\$ 5.00	\$165.00	10.00	\$330.00	30.00	\$990.00	7.00	\$231.00
TEMPORARY EROSION CONTROL SEEDING	33	\$ 5.00	\$1,650.00	3.00	\$1,002.00	8.00	\$2,672.00	2.50	\$835.00
PERIMETER EROSION BARRIER	334	\$ 5.00	\$1,670.00	200.00	\$400.00	125.00	\$250.00	115.00	\$230.00
INLET AND PIPE PROTECTION	2	\$ 100.00	\$1,000.00	40.00	\$400.00	40.00	\$400.00	78.00	\$780.00
STONE RIPRAP, CLASS A4	10	\$ 3.00	\$30.00	2.00	\$20.00	3.00	\$30.00	5.00	\$50.00
FILTER FABRIC	1084	\$ 3.00	\$3,252.00	3.65	\$3,956.60	9.00	\$9,756.00	3.25	\$3,523.00
PROCESSING MODIFIED SOIL 12"	21	\$ 50.00	\$1,050.00	80.25	\$1,685.25	62.00	\$1,302.00	90.00	\$1,890.00
LIME	440	\$ 20.00	\$8,800.00	19.00	\$8,360.00	21.00	\$9,240.00	23.00	\$10,120.00
AGGREGATE BASE COURSE, TYPE B	3083	\$ 1.00	\$3,083.00	1.10	\$3,391.30	0.55	\$1,695.65	0.75	\$2,312.25
BITUMINOUS MATERIALS (PRIME COAT)	166	\$ 90.00	\$14,940.00	77.50	\$12,865.00	84.00	\$13,944.00	110.00	\$18,260.00
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N 50	110	\$ 100.00	\$11,000.00	88.45	\$9,729.50	84.00	\$9,240.00	140.00	\$15,400.00
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	36	\$ 80.00	\$2,880.00	11.15	\$401.40	10.00	\$360.00	15.00	\$540.00
PAVEMENT REMOVAL	0	\$ 300.00	\$0.00	670.00	\$0.00	300.00	\$0.00	100.00	\$0.00
CONCRETE HEADWALL REMOVAL	0	\$ 500.00	\$0.00	750.00	\$0.00	450.00	\$0.00	950.00	\$0.00
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	0	\$ 60.00	\$0.00	58.00	\$0.00	35.00	\$0.00	45.00	\$0.00
STORM SEWERS, CLASS A, TYPE 1 12"	0	\$ 65.00	\$0.00	40.60	\$0.00	37.00	\$0.00	38.00	\$0.00
STORM SEWERS, CLASS A, TYPE 1 15"	0	\$ 80.00	\$0.00	47.00	\$0.00	41.00	\$0.00	60.00	\$0.00
STORM SEWERS, CLASS A, TYPE 1 18"	0	\$ 32.00	\$0.00	26.80	\$0.00	38.00	\$0.00	45.00	\$0.00
CONCRETE CURB, TYPE B	175	\$ 38.00	\$6,650.00	32.00	\$5,600.00	38.00	\$6,650.00	55.00	\$9,625.00
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	1	\$ 2,000.00	\$2,000.00	1000.00	\$1,000.00	1425.00	\$1,425.00	2000.00	\$2,000.00
MOBILIZATION	1	\$ 5.00	\$0.00	17.75	\$0.00	4.00	\$0.00	5.00	\$0.00
REMOVE EXISTING RIPRAP	0	\$ 200.00	\$0.00	500.00	\$500.00	1000.00	\$1,000.00	1200.00	\$1,200.00
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1	\$ 1,000.00	\$0.00	1685.00	\$0.00	1500.00	\$0.00	2000.00	\$0.00
OPEN THROAT INLET	0	\$ 800.00	\$0.00	2905.00	\$0.00	1500.00	\$0.00	2000.00	\$0.00
STORM SEWER JUNCTION BOX	0	\$ 800.00	\$0.00	2905.00	\$0.00	1500.00	\$0.00	2000.00	\$0.00
			\$68,220.00		\$61,416.05		\$70,204.65		\$72,996.25
					\$92,972.90		\$97,102.05		\$104,513.95
									-\$31,517.70

As Read:
 Difference:



100 Lanter Court, Suite 1
Collinsville, IL 62234
tel 618.345.2200

720 Olive, Suite 700
St. Louis, MO 63101
tel 314.588.8381

20 East Main Street
Belleville, IL 62220
tel 618.416.4658

390 North Main, Suite 201
St. Charles, MO 63301
tel 636.493.6277

www.oatesassociates.com

May 10, 2016

Mr. Tim Gregowicz, PE
City Engineer
City of Belleville
407 East Lincoln Street
Belleville, IL 62220

Re: Dutch Hollow Road Bridge over Tributary to Schoenberger Creek
SN 082-6116
Phase II Engineering Services

Dear Mr. Gregowicz:

We propose to render professional engineering services in connection with the Dutch Hollow Road Bridge, located in Belleville, IL (hereinafter called the "Project"). Project improvements will generally consist of removal and replacement of the bridge, placing riprap on the bridge cones, new guardrail, earthwork at the ditch along the southeast quadrant and transitions of the approach roadway approximately 100' each side of the bridge. We understand that engineering services for this project will be paid for with St. Clair County Community Development Block Grants (CDBG) funding.

Our Basic Services will consist of the following items and as detailed in our attached Estimate of Hours:

- Supplemental surveying – pick-up survey to verify ROW, utilities and drainage items
- Right-Of-Way – assuming easements will be required at the southeast ditch area
- Structure borings, geotechnical engineering and Structure Geotechnical Report (by others)
- Final Plans, Specifications and Estimates

We will also furnish such Additional Services as you may request. These services are provided subject to the General Conditions shown on the attached Exhibit A.

We understand the bridge construction will also be financed with CDBG funds and supplemented with other non-MFT funds if necessary. Therefore, the project will be let by the City and no IDOT involvement is anticipated. We understand a fall letting is desired and we will expedite our schedule to meet this deadline. Assuming we receive all Phase I approvals by the end of June, we would submit final plans to you in early October, 2016 for the fall letting. The detailed scope, hours and costs for Phase II engineering are set forth in the attached Cost Estimate of Consultant Services. Engineering services will be billed on the basis of our cost plus fixed fee and are estimated at \$72,000.

Proposal to Gregowicz
May 10, 2016
Page 2 of 2

This proposal and the attachments represent the entire understanding between you and Oates Associates, Inc. with respect to the Project and may only be modified in writing signed by both of us. If it satisfactorily sets forth your understanding of our agreement, please sign the enclosed copy of this letter in the space provided below and return it to us. This proposal will be open for acceptance until June 30, 2016, unless changed by us in writing.

Sincerely,

OATES ASSOCIATES, INC.



Bruce P. Schopp, PE, SE
Project Manager

Accepted this _____ day of _____, 2016.

By: _____

Title: _____

EXHIBIT A HOURLY RATE SCHEDULE

Principal Engineer	205.00
Senior Professional II	175.00
Senior Professional I	155.00
Professional IV	145.00
Professional III	135.00
Professional II	120.00
Professional I	105.00
Junior Professional	85.00
Technician III	115.00
Technician II	100.00
Technician I	80.00
Technician Intern	50.00

The above hourly rates are effective as of July 1, 2015 and are subject to adjustment annually.

GENERAL CONDITIONS

TERMS

When used below, the term "we" and "our" refers to Oates Associates, Inc. and its consultants, stockholders, agents and employees. The term "you" and "your" refers to the person or entity to whom this proposal is addressed.

PAYMENT PROVISIONS

We will bill you monthly for services and reimbursable expenses. Our invoices are due and payable within 30 days of issuance. If invoices are not paid when due, we will stop work on the project until paid. In addition, a late charge of 1-1/2% per month will be assessed on invoices not paid within 30 days.

We will bill you for any direct costs we incur in the prosecution of this work. Direct costs may include subconsultants we contract to perform a portion of our scope. Reimbursable expenses will also include any out of pocket costs directly related to this project. Basis for billings of reimbursable expenses will be actual cost.

The above financial arrangements are on the basis of prompt payment of our bills and the orderly and continuous progress of the Project. We would expect to start our services promptly after receipt of your acceptance of this proposal. If there are protracted delays for reasons beyond our control, we would expect to negotiate with you an equitable adjustment of our compensation taking into consideration the impact of such delay including but not limited to changes in price indices and pay scales applicable to the period when services are in fact being rendered.

GENERAL LIABILITY AND LIMITATION THEREOF

We agree to hold you harmless and to indemnify you on account of any liability due to bodily injury or property damage arising directly out of our negligent acts, but such hold harmless and indemnity will be limited to that covered by our comprehensive general liability insurance. At your request, we will provide certificates evidencing such coverage and, if available, will purchase additional limits of liability that you may require as a separate cost item to be borne by you.

LIMITATION OF LIABILITY

You recognize that our fee includes an allowance for funding a variety of risks which are imposed on us by virtue of our involvement in and association with your project. One of these risks stems from the potential for human error. In order for you to obtain a reduction in fee by virtue of a smaller allowance for risk funding, you agree to limit our professional liability to you for any and all claims, losses, expenses, injuries or damages (including consequential damages) arising from our professional acts, errors, or omissions, such that our total aggregate liability to you shall not exceed the total compensation received by us under this agreement, or the sum of \$50,000, whichever is greater. If you wish to discuss higher limits and the charges involved, you should speak with our personnel.

THIRD PARTY CLAIMS

Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either you or us. Our services under this Agreement are being performed solely for your benefit, and no other entity shall have any claim against us because of this Agreement or the performance or nonperformance of services hereunder. You agree to include a provision in all contracts with contractors and other entities involved in this project to carry out the intent of this paragraph.

OWNERSHIP AND USE

Upon full payment of all sums due or anticipated to be due us under this Agreement and upon performance of all your obligations under this Agreement, the latest original Drawings and Specifications and the latest electronic data prepared by us for the Project shall become your property. This conveyance shall not deprive us of the right to retain electronic data or other reproducible copies of the Drawings and Specifications or the right to reuse information contained in them in the normal course of our professional activities. We shall be deemed the author of such electronic data or documents, shall retain all rights not specifically conveyed, and shall be given appropriate credit in any public display of such Drawings and Specifications. We will, however, retain ownership and possession of original recorded plats.

You will not use or authorize any other person to use the Drawings, Specifications, electronic data and other instruments of service on other projects, for additions to this Project or for completion of this Project by others so long as we are not adjudged to be in default under this Agreement. Reuse without our professional involvement will be at your sole risk and without liability to us. You agree to indemnify and hold us and our subconsultants or agents harmless from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of unauthorized reuse of Drawings, Specifications, electronic data or other instruments of service.

EXHIBIT A

GENERAL CONDITIONS (continued)

TIMING OF STANDARDS

We endeavor to perform our services in accordance with standards, building codes, and ordinances in effect at the time of service using that level of care and skill ordinarily exercised by members of the profession currently practicing in the same or similar locality and under similar conditions. You understand that these standards and level of care and skill change with time and that substantially delayed use of our documents without our involvement is at your own risk.

TERMINATION, SUSPENSION OR ABANDONMENT

You recognize that if you terminate, suspend or abandon this project we will incur many costs which we would not have incurred had the project continued to completion. Therefore it is agreed that an equitable adjustment to our compensation shall include but not be limited to all reasonable costs incurred by us on account of suspension or abandonment of the Project, for preparation of documents for storage; maintaining space and equipment pending resumption; orderly demobilization of staff; maintaining employees on a less than full-time basis; terminating employment of personnel because of suspension; rehiring former employees or new employees because of resumption; reacquainting employees with the Project upon resumption; and making revisions to comply with Project requirements at the time of resumption.

DISPUTE RESOLUTION

In an effort to resolve any conflicts that arise during the design or construction of the Project or following the completion of the Project, you and we agree that all disputes between us arising out of or relating to this Agreement or the Project shall be submitted to non-binding mediation unless the parties mutually agree otherwise.

UNFORESEEN CONDITIONS

Our services may be provided to assist you in making changes to an existing facility for which you shall furnish documentation and information upon which we may rely for its accuracy and completeness. Unless specifically authorized or confirmed in writing by you, we shall not be required to perform or to have others perform destructive testing or to investigate concealed or unknown conditions.

RELIANCE ON INFORMATION

In the event documentation or information furnished by you is inaccurate or incomplete, all resulting damages, losses and expenses, including the cost of our Additional Services, shall be borne by you. You shall indemnify and hold harmless Oates Associates, Inc. our subconsultants, and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, which arise as a result of documentation or information furnished by you.

CONSTRUCTION MEANS AND METHODS

Performance of our services does not imply liability by us for Contractor means, methods, techniques, sequences or procedures of construction selected by Contractor or safety precautions and programs incident to the work of Contractor or for any failure of Contractor to comply with laws, rules, regulations, ordinances, codes or orders applicable to Contractor furnishing and performing their work. Accordingly we can neither guarantee the performance of the construction contracts by Contractor nor assume responsibility for Contractor failure to furnish and perform work in accordance with Contract Documents.

JOBSITE SAFETY

Insofar as jobsite safety is concerned, we are responsible solely for our own and our employees' activities on the jobsite, but this shall not be construed to relieve you or any construction contractors from their responsibilities for maintaining a safe jobsite. Neither our professional activities nor the presence of our employees and subconsultants, shall be construed to imply we have any responsibility for methods of work performance supervision, sequencing of construction, or safety in, on, or about the jobsite. You agree that the general contractor is solely responsible for jobsite safety, and you warrant that this intent shall be made evident in your agreement with the general contractor. You also warrant we shall be made an additional insured under the general contractor's general liability insurance policy.

HAZARDOUS MATERIALS

As used in this Agreement, the term "hazardous materials" shall mean any substances, including but not limited to asbestos, toxic or hazardous waste, PCBs, combustible gasses and materials, petroleum or radioactive materials (as each of these is defined in applicable federal statutes) or any other substances under any conditions and in such quantities as would pose a substantial danger to persons or property exposed to such substances at or near the Project site.

You and we acknowledge that our scope of services does not include any services related to the presence of any hazardous or toxic materials. In the event that we or any other party encounter any hazardous materials, or should it become known to us that such materials may be present on or about the jobsite or any adjacent areas that may affect the performance of our services, we may, at our option and without liability for consequential or any other damages, suspend performance of our services under this Agreement until you retain appropriate consultants or contractors to identify and abate or remove the hazardous materials and warrant that the jobsite is in full compliance with laws and regulations regarding such materials.



COST ESTIMATE OF CONSULTANT SERVICES
(COST PLUS FIXED FEE - LOCAL AGENCY)

FIRM: OATES ASSOCIATES, INC.
 ROUTE: Dutch Hollow Road Bridge
 SECTION: NA
 AGENCY: City of Belleville
 JOB NO.: 15159
 PTB NO.:

OVERHEAD RATE: 163.35%
 COMPLEXITY FACTOR: 0.000

ITEM	PERSON HOURS (A)	PAYROLL (B)	OVERHEAD & FRINGE BENEFIT (C)	IN-HOUSE DIRECT COSTS (D)	FIXED FEE (E)	OUTSIDE DIRECT COSTS (F)	SERVICES BY OTHERS (G)	TOTAL B+C+D+E+F+G	% OF GRAND TOTAL
1.0 FIELD SURVEYS	20	\$658.60	\$1,075.82		\$251.49			\$1,985.91	2.77%
2.0 INTERSECTION DESIGN STUDY	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
3.0 PROJECT DEVELOPMENT REPORT	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
4.0 UTILITY & RAILROAD COORDINATION	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
5.0 HYDRAULIC REPORT	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
6.0 BRIDGE CONDITION REPORT	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
7.0 GEOTECHNICAL REPORT	0	\$0.00	\$0.00		\$0.00		\$12,000.00	\$12,000.00	16.74%
8.0 TYPE SIZE & LOCATION PLANS	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
9.0 STRUCTURE PLANS	247	\$9,394.13	\$15,247.30		\$3,564.31			\$28,145.74	39.26%
10.0 DRAINAGE	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
11.0 PRELIMINARY PLANS - ROAD	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
12.0 FINAL PLANS - ROAD	183	\$6,104.88	\$9,972.32		\$2,331.19		\$1,000.00	\$19,408.39	27.07%
13.0 RIGHT OF WAY	28	\$1,125.04	\$1,837.75		\$429.60			\$3,392.39	4.73%
14.0 CONSTRUCTION PHASE SERVICES	0	\$0.00	\$0.00		\$0.00			\$0.00	0.00%
15.0 ADMINISTRATION / MANAGEMENT	16	\$1,120.00	\$1,829.52		\$427.68			\$3,377.20	4.71%
16.0 QA/QC	16	\$1,120.00	\$1,829.52		\$427.68			\$3,377.20	4.71%
TOTALS:	510	\$19,462.65	\$31,792.23	\$0.00	\$7,431.95	\$0.00	\$13,000.00	\$71,686.83	100%

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: Dutch Hollow Road Bridge
 SECTION: NA
 AGENCY: City of Belleville
 JOB NO.: 15159

TASK	PRIN.	SR. PROF. II	PROF. IV	PROF. III	PROF. I	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
1.0 FIELD SURVEYS					4	8	8		20	Supplemental Topo at extended roadway NAD 83 (2011) & NAVD 88, GPS derived
1.1 horizontal & vertical control										
research control location / coordinates, elevations, closure route										
set control point monuments in field / 3-point ties										
set control point coordinates & elevations / GPS										
traverse between control points in field										
elevation loop between benchmarks in field										
office calculations / coordinates, elevations, closure										
1.2 topography					2	8	8		18	contact JULIE, measure structure depths
locate existing utilities										
topo / profile / cross sections (surface features)										
project photos										document existing conditions
supplemental field surveys					2	8	8		18	drainage surveys, sign surveys...
1.3 hydraulic survey										
1.4 process survey data for CADD					2				2	CADD platform (AutoCAD / MicroStation)
draw existing topo										includes data collector processing
create & process TIN surface					2				2	
field review and edit topo & TIN										
1.5 staking										
set proposed centerline control points & ties										
set / tie boring locations for soil surveys / foundations										
stake centerline for field check										
locate utility conflict potholes										excavation by others
2.0 INTERSECTION DESIGN STUDY										
3.0 PROJECT DEVELOPMENT REPORT										
4.0 UTILITY & RAILROAD COORDINATION										incl w plans
5.0 HYDRAULIC REPORT										
6.0 BRIDGE CONDITION REPORT										
7.0 GEOTECHNICAL REPORT										Coordination & review only. Report by Subconsultant.
8.0 TYPE SIZE & LOCATION PLANS										

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: Dutch Hollow Road Bridge
 SECTION: NA
 AGENCY: City of Belleville
 JOB NO.: 15159

TASK	PRIN.	SR. PROF. II	PROF. IV	PROF. III	PROF. I	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
9.0 STRUCTURE PLANS	20			77		160			247	
structure assumptions (VNI) <i>Special Considerations Assumed Codes, Manuals, and Referer</i> Staged Construction IDOT Bridge Manual - Variable Width Super AASHTO LRFD - Curved Structure On Curved Alignment Super Transition On Bridge Two or more Interior Beam Designs Special Pile Design For LF Special scour design Unsymmetrical Spans Attached Utilities Addl coord with BBS / RR / IDNR										
9.1 bridge - plan sheets				15		52			67	
general plan				1		4			5	
superstructure				1		4			5	
ppc deck beam				1		4			5	
ppc deck beam details				1		4			5	
steel railing, type sm				1		1			2	
abutment details				4		16			20	
pier details				4		16			20	
pile details				1		1			2	
boring logs				1		2			3	
9.2 bridge - design tasks	20			62		98			180	
layout/misc				1		4			5	
ppc deck beam design				2		8			10	
abutment design				3		12			15	
pier design				3		12			15	
seismic design				8		20			28	
quantities				8		16			24	
special provisions				2		4			6	
cost estimate				2		4			6	
estimate of time				1		2			3	
coordination and assembly	12			24		8			44	
final plans/ comments	8			8		8			24	

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: Dutch Hollow Road Bridge
 SECTION: NA
 AGENCY: City of Belleville
 JOB NO.: 15159

TASK	PRIN.	SR. PROF. II	PROF. IV	PROF. III	PROF. I	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
10.0 DRAINAGE										Included with roadway
11.0 PRELIMINARY PLANS - ROAD										assume final plans - no IDOT review w CDBG funding
12.0 FINAL PLANS - ROAD		2			99	82			183	
12.1 cover sheet					2	8			10	
location map/ project limits					2	8			10	
index of sheets										
standard drawings index										
general notes										
12.2 quantities					8	30			38	
pay items & code numbers					2	8			10	
pavement schedule & quantities					1	4			5	
entrances schedule & quantities										
storm sewer schedule & quantities										
pavement markings schedule & quantities					1	2			3	
removals schedule & quantities										
earthwork schedule & quantities					2	8			10	
other schedules & quantities					2	4			6	
summary of quantity schedule										
12.3 typical sections					2	4			6	
existing/ proposed typical sections - label pay-items/ thicknesses					2	4			6	
structural pavement design table										
12.4 construction detail sheets										
12.5 intersection/ interchange sheets										
12.6 maintenance of traffic										
12.7 traffic signal plans										
12.8 specialty plan sheets					5				5	
pavement markings										
signing plans					1				1	
lighting plans					4				4	
erosion control										
landscape plans										
12.9 road plan/profile sheets					26	10			36	
plan- alignment/ stationing/ curve data					8	2			10	
pavement/ shoulders/ medians					8	2			10	
intersections/ interchanges										
entrances/ access roads					4	2			6	
guardrail/ barriers					4	2			6	
storm sewers/ culverts/ ditches					2	2			4	
construction limits										
cross-references										

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: Dutch Hollow Road Bridge
 SECTION: NA
 AGENCY: City of Belleville
 JOB NO.: 15159

TASK	PRIN.	SR. PROF. II	PROF. IV	PROF. III	PROF. I	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
12.10 cross sections		2			14	10			26	
hand edits					2	8			10	
proposed ditches/ culverts/ storm sewer					8	8			16	
proposed ROW limits		2			2	2			4	
earthwork end areas					2	2			4	
matchlines/ cross-references										
12.11 contract documents					30	8			38	
check sheets					8	2			10	
supplemental specifications					4	1			5	
interim special provisions (ISP)					16	4			20	
special provisions										
estimate of time					2	1			3	
estimate of cost										
12.12 bidding documents (local letting only)					4	4			8	
notice to contractors					2	2			4	
proposal										
schedule of prices					2	2			4	By City
12.13 final PS&E submittal					8	8			16	
plot and assemble final plans					8	8			16	
copy and review final CADD files										
copy and assemble computations										
copy and assemble contract documents										
final submittal and close-out										
obtaining signatures										

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: Dutch Hollow Road Bridge
 SECTION: NA
 AGENCY: City of Belleville
 JOB NO.: 15159

TASK	PRIN.	SR. PROF. II	PROF. IV	PROF. III	PROF. I	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
13.0 RIGHT OF WAY		4			16		8		28	
13.1 survey		2			8		8		18	assume one day supplemental ROW survey
research record information										
review title reports										
review locations in field / set survey limits										
locate and tie existing monumentation										
reconcile monumentation with record information										
establish existing ROW & property lines		2			8		8		18	
13.2 documents		2			8				10	
set proposed ROW										
calculate bearings / distances, stations / offsets										
calculate lot closures and areas										
prepare legal descriptions										
prepare ROW conveyance documents		2			8				10	exhibit
prepare ROW plans										
prepare statutory plats										
prepare parcel plats										
prepare monument records										
13.3 submittals										
review ROW needs with Client										
pre-final submittal - ROW plan only										
ROW conveyance documents										Engineer / Public Works Director & Attorney
final submittal - all documents										
13.4 negotiations / acquisitions										comply w/ federal "Uniform Act" requirements
review appraisals										valuations by Subconsultant
documentation										PTAX forms, negotiator reports, parcel
meetings										X property owners
record documents										file conveyance documents with Co. Recorder
IDOT certification										project compliance checklist, meet @ IDOT
14.0 CONSTRUCTION PHASE SERVICES										May be negotiated later.
15.0 ADMINISTRATION / MANAGEMENT	16								16	May be included in other tasks for small projects.
16.0 QA/QC	16								16	May be included in other tasks for small projects.

DUTCH HOLLOW BRIDGE TOTAL REPLACEMENT

CONSTRUCTION COST **\$568,000**

BRIDGE -

- 92' back to back abutments
- 30' out to out deck
- 3 span
- 17" PPCDB with bituminous overlay
- Bridge rail
- Riprap and grading

ROAD -

- 50' transition each side, 8" rock
- Guard rail and end sections

PHASE I ENGINEERING (COMPLETE) **\$50,000**

- Survey
- Hydraulics
- Determine ROW
- Preliminary road
- TSL
- ESR

PHASE II ENGINEERING (NOT STARTED) **\$72,000**

- Geotechnical Report
- Bridge and roadway design / plans
- ROW
- Final PSE

TOTAL- CONST + PH I AND II ENGR **\$690,000**

CDBG FUNDS

ROUND 1 - SPEND BY 6/17 **\$356,000**

ROUND 2 - AVAIL 11/18 SPEND BY 6/18 **\$335,000**

TOTAL CDBG **\$691,000**