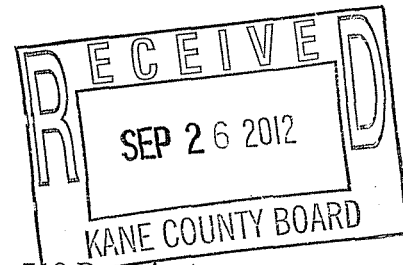


County of Kane
Office of County Board
Kane County Government Center



Karen McConnaughay
Chairman
630-232-5930



719 Batavia Avenue
Geneva, Illinois 60134
Fax 630-232-9188

DOCUMENT VET SHEET

for

**Karen McConnaughay
Chairman, Kane County Board**

Name of Document: Phase II Engineering with Fehr-Graham for West County Line

over Union Ditch #3, Kane County Section #08-00024-01-BR

Submitted by: Linda Haines

Date Submitted: July 2, 2012

Examined by: Pat Jaeger
(Print name)

(Signature)

July 2, 2012
(Date)

Post on Web: Yes No Atty. Initials

Comments: Res: 12-229 attached -

5 copies to sign

Chairman signed: Yes No October 1, 2012
(Date)

Document returned to: _____

STATE OF ILLINOIS

COUNTY OF KANE

RESOLUTION NO. 12 - 229

**APPROVING A PHASE II ENGINEERING SERVICES AGREEMENT
WITH FEHR-GRAHAM & ASSOCIATES LLC FOR
WEST COUNTY LINE ROAD OVER UNION DITCH 3
KANE COUNTY SECTION NO. 08-0024-01-BR**

WHEREAS, Phase II Engineering services are required for the proposed improvement of the West County Line Road (Kane County Highway No. 1) Bridge over Union Ditch 3 (herein referred to as the "Improvement"); and

WHEREAS, in order to accomplish the Improvement, it is necessary to retain the services of a professional engineering firm to provide Phase II Engineering services; and

WHEREAS, Fehr-Graham & Associates LLC, 4440 Ash Grove, Springfield, IL 62711 has experience and professional expertise in Phase II Engineering and is willing to perform the required services for an amount not to exceed Two Hundred Twelve Thousand Seven Hundred Eighty Seven and 21/100 Dollars (\$212,787.21); and

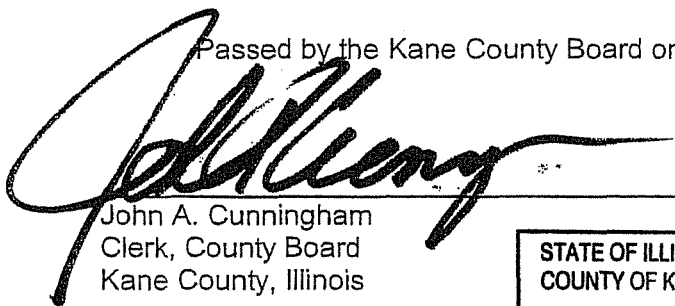
WHEREAS, necessary fees to be expended during the Improvement's Phase II Engineering for the required purchase of a permit is estimated to be an additional Two Thousand Seven Hundred Eleven and No/100 Dollars (\$2,711.00).

NOW, THEREFORE, BE IT RESOLVED by the Kane County Board that the Chairman thereof is hereby authorized to execute a Phase II Engineering services agreement with Fehr-Graham & Associates LLC (a copy of which is on file with the County Clerk's Office).

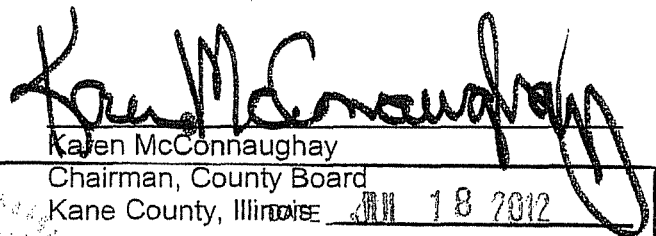
BE IT FURTHER RESOLVED that the Kane County Board appropriate the not to exceed sum of Two Hundred Fifteen Thousand Four Hundred Ninety Eight and 21/100 Dollars (\$215,498.21) from Local Option Fund #304, Line Item #50140 (Engineering) to pay for said Phase II Engineering services for the Project with approximately eighty percent (80%) reimbursement thereof to the County from federal funds.

Line item	Line Item Description	Was personnel/item/service approved in original budget or a subsequent budget revision?	Are funds <u>currently</u> available for this personnel/item/service in the specified line item?	If funds are not currently available in the specified line item, where are the funds available?
304.520.524.50140	Engineering	Yes	Yes	

Passed by the Kane County Board on July 10, 2012.



John A. Cunningham
Clerk, County Board
Kane County, Illinois

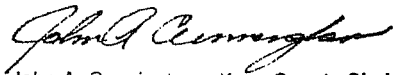


Karen McConaughay
Chairman, County Board
Kane County, Illinois


Vote:
 Yes 22
 No -
 Voice -
 Abstentions -
 7WCOLINEPHIIFEHR-GRHM.4LH

STATE OF ILLINOIS
 COUNTY OF KANE

I, John A. Cunningham, Kane County Clerk and Keeper of the Records in Kane County, Illinois do hereby certify that the attached is a true and correct copy of the original record on file. In witness whereof, I have hereunto set my hand and affix the Seal of the County of Kane at my office in Geneva, Illinois


 John A. Cunningham, Kane County Clerk

JUL 18 2012

Local Agency County of Kane	 Illinois Department of Transportation Preliminary Engineering Services Agreement For Federal Participation	Consultant FGA No. 12-357
County Kane		FEHR-GRAHAM & ASSOCIATES LLC
Section 08-00024-01-BR		Address 515 Lincoln Highway
Project No. BROS-0089(153)		City Rochelle
Job No. D-91-271-09		State Illinois
Contact Name/Phone/E-mail Address Paul LaFleur, Kane Co Design Proj Mgr (630) 406-7355 lafleurpaul@co.kane.il.us		Zip Code 61068

THIS AGREEMENT is made and entered into this _____ day of _____, 2012 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT. Federal-aid funds allotted to the LA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) will be used entirely or in part to finance engineering services as described under AGREEMENT PROVISIONS.

Project Description

Name	<u>West County Line Road</u>	Route	<u>CH 1</u>	Length	<u>0.21 mi</u>	Structure No.	
							Existing 045-3000 Proposed 045-3066
Termini	<u>Over Union Ditch #3</u>						

Description:
Phase II Engineering Bridge Rehabilitation

Agreement Provisions

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance, in accordance with STATE approved design standards and policies, of engineering services for the LA for the proposed improvement herein described.
2. To attend any and all meetings and visit the site of the proposed improvement at any reasonable time when requested by representatives of the LA or STATE.
3. To complete the services herein described within 270 calendar days from the date of the Notice to Proceed from the LA, excluding from consideration periods of delay caused by circumstances beyond the control of the ENGINEER.
4. The classifications of the employees used in the work should be consistent with the employee classifications and estimated man-hours shown in EXHIBIT A. If higher-salaried personnel of the firm, including the Principal Engineer, perform services that are indicated in Exhibit A to be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the payroll rate for the work performed.
5. That the ENGINEER is qualified technically and is entirely conversant with the design standards and policies applicable for the PROJECT; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated herein.
6. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections resulting from the ENGINEER's errors, omissions or negligent acts without additional compensation. Acceptance of work by the STATE will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or for clarification of any ambiguities.
7. That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by the ENGINEER and will affix the ENGINEER's professional seal when such seal is required by law. Plans for structures to be built as a part of the improvement will be prepared under the supervision of a registered structural engineer and will affix structural engineer seal when such seal is required by law. It will be the ENGINEER's responsibility to affix the proper seal as required by the Bureau of Local Roads and Streets manual published by the STATE.
8. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.

9. The undersigned certifies neither the ENGINEER nor I have:
- employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for me or the above ENGINEER) to solicit or secure this AGREEMENT,
 - agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
 - paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
 - have not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; 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,
 - are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (e) and
 - have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.
10. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LA.
11. To submit all invoices to the LA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.
12. To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the project (Exhibit B).
13. Scope of Services to be provided by the ENGINEER: **(AS CHECKED BELOW AND PER ATTACHED EXHIBIT E)**
- Make such detailed surveys as are necessary for the planning and design of the PROJECT. **(PICKUP / VERIFY SURVEY ONLY)**
 - Make stream and flood plain hydraulic surveys and gather both existing bridge upstream and downstream high water data and flood flow histories. **(NOT APPLICABLE)**
 - Prepare applications for U.S. Army Corps of Engineers Permit, Illinois Department of Natural Resources Office of Water Resources Permit and Illinois Environmental Protection Agency Section 404 Water Quality Certification. **(NECESSARY PERMIT FEES TO BE PAID BY ENGINEER AND REIMBURSED BY LOCAL AGENCY)**
 - Design and/or approve cofferdams and superstructure shop drawings. **(REVIEW AND APPROVAL WORK, INCLUDING BUT NOT LIMITED TO, COFFERDAMS, STRUCTURAL STEEL, EXPANSION DEVICES, BEARINGS, FALSEWORK, ETC. WILL BE DONE BY THE BUREAU OF BRIDGES AND STRUCTURES OR OTHERS AS ARRANGED BY THE LOCAL AGENCY.)**
 - ~~Prepare Bridge Condition Report and Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types and high water effects on roadway overflows and bridge approaches).~~ **(REVISE PRELIMINARY BRIDGE DESIGN)**
 - ~~Prepare the necessary environmental and planning documents including the Project Development Report, Environmental Class of Action Determination or Environmental Assessment, State Clearinghouse, Substate Clearinghouse and all necessary environmental clearances.~~ **(IDNR CONTACT, KANE/DUPAGE SWCD PERMIT, KANE COUNTY STORMWATER ORD, ETC.)**
 - Make such soil surveys or subsurface investigations including borings and soil profiles as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations to be made in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE. **(NOT APPLICABLE)**
 - Analyze and evaluate the ~~soil surveys and~~ structure borings to determine the roadway structural design and bridge foundation. **(SOIL BORINGS PROVIDED BY LOCAL AGENCY)**
 - Prepare preliminary roadway and drainage structure plans and meet with representatives of the LA and STATE at the site of the improvement for review of plans prior to the establishment of final vertical and horizontal alignment, location and size of drainage structures, and compliance with applicable design requirements and policies.
 - Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement. **(NOT APPLICABLE)**
 - Complete the general and detailed plans, special provisions and estimate of cost. Contract plans shall be prepared in accordance with the guidelines contained in the Bureau of Local Roads and Streets manual. The special provisions and detailed estimate of cost shall be furnished in quadruplicate.
 - Furnish the LA with survey and drafts in quadruplicate all necessary right-of-way dedications, construction easements and ~~borrow pit and channel change agreements including prints of the corresponding plats and staking as required.~~

II. THE LA AGREES,

1. To furnish the ENGINEER all presently available survey data and information **(SEC CORNER DATA, TITLE SEARCHES, ETC)**
2. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee

- CPFF = 14.5%[DL + R(DL) + OH(DL) + IHDC], or
- CPFF = 14.5%[DL + R(DL) + 1.4(DL) + IHDC], or
- CPFF = 14.5%[(2.3 + R)DL + IHDC]

Where: DL = Direct Labor
IHDC = In House Direct Costs
OH = Consultant Firm's Actual Overhead Factor
R = Complexity Factor

Specific Rate (Pay per element)

Lump Sum _____

3. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:

With Retainage

- a) **For the first 50% of completed work**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **After 50% of the work is completed**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- c) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

Without Retainage

- a) **For progressive payments** – Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and STATE, a sum o money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

4. The recipient shall not discriminate on the basis on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.).

III. IT IS MUTALLY AGREED,

1. That no work shall be commenced by the ENGINEER prior to issuance by the LA of a written Notice to Proceed.
2. That tracings, plans, specifications, estimates, maps and other documents prepared by the ENGINEER in accordance with this AGREEMENT shall be delivered to and become the property of the LA and that basic survey notes, sketches, charts and other data prepared or obtained in accordance with this AGREEMENT shall be made available, upon request, to the LA or to the STATE, without restriction or limitation as to their use.

3. That all reports, plans, estimates and special provisions furnished by the ENGINEER shall be in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE, it being understood that all such furnished documents shall be approved by the LA and the STATE before final acceptance. During the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.
4. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without written consent of the LA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this agreement.
5. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the Auditor General and the STATE; and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the STATE for the recovery of any funds paid by the STATE under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
6. The payment by the LA in accordance with numbered paragraph 3 of Section II will be considered payment in full for all services rendered in accordance with this AGREEMENT whether or not they be actually enumerated in this AGREEMENT.
7. That the ENGINEER shall be responsible for any and all damages to property or persons arising out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and save harmless the LA, the STATE, and their officers, agents and employees from all suits, claims, actions or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.
8. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at the ENGINEER's last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all drawings, plats, surveys, reports, permits, agreements, soils and foundation analysis, provisions, specifications, partial and completed estimates and data, if any from soil survey and subsurface investigation with the understanding that all such material becomes the property of the LA. The LA will be responsible for reimbursement of all eligible expenses to date of the written notice of termination.
9. This certification is required by the Drug Free Workplace Act (30ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the State unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State, as defined in the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

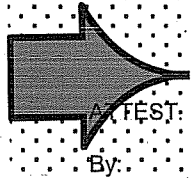
- a. Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying the actions that will be taken against employees 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.
- b. Establishing a drug free awareness program to inform employees about:
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's or contractor's policy of maintaining a drug free workplace;
 - (3) Any available drug counseling, rehabilitation and employee assistance program; and
 - (4) The penalties that may be imposed upon an employee for drug violations.
- c. Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- d. Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
- e. Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by,
- f. 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.
- g. Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

10. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of DOT assisted contracts. Failure by the ENGINEER to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination of this AGREEMENT or such other remedy as the LA deems appropriate.

Agreement Summary

Prime Consultant:	TIN Number	Agreement Amount
Fehr-Graham & Associates LLC	36-2780335	212,772.21
Sub-Consultants:	TIN Number	Agreement Amount
N/A	N/A	0.00
Sub-Consultant Total:		0.00
Prime Consultant Total:		212,772.21
Total for all Work:		212,772.21

Executed by the LA:



By: _____
 Kane County Clerk

(SEAL)

Kane County

(Municipality/Township/County)

By: *Kurt McManus*
 Title: Chairman of the County Board

Executed by the ENGINEER:

ATTEST: _____
 By: *Brenda Metzger*
 Title: For Member, Fehr-Graham & Associates LLC

FEHR-GRAHAM & ASSOCIATES LLC
 By: *[Signature]*
 Title: For Member, Fehr-Graham & Associates LLC

Exhibit A - Preliminary Engineering

Route: CH 1 (FAS 97) West County Line Road
 Local Agency: Kane County
 (Municipality/Township/County)
 Section: 08-00024-01-BR
 Project: BROS-0089(153)
 Job No.: D-91-271-09

*Firm's approved rates on file with IDOT'S
 Bureau of Accounting and Auditing:

Overhead Rate(OH) 173.19 % Use 140.00%
 Complexity Factor (R) 0.0
 Calendar Days 270

Method of compensation:

- Cost Plus Fixed Fee 1 14.5%[DL + R(DL) + OH(DL) + IHDC]
 Cost Plus Fixed Fee 2 14.5%[DL + R(DL) + 1.4(DL) + IHDC]
 Cost Plus Fixed Fee 3 14.5%[(2.3 + R)DL + IHDC]
 Specific Rate
 Lump Sum Fee

**Cost Estimate of Consultant's Services in Dollars
 (Use 140.00%) Outside Costs**

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services by Others	In-House Direct Cost (IHDC)	Profit (0.348)	Total
1.) Project file review, site survey verify and field data pickup, evaluate Plate Girder bridge type, adjust proposed vertical profile grade, obtain IDOT approval of Preliminary Bridge Design for Plate Girder bridge, review Soil Borings	Project Manager	4	58.78						
	Project Manager	20	53.21						
	Project Manager	16	44.91						
	Sen Proj Engineer	4	37.60						
	Proj Engineer	4	27.66						
	Land Surveyor	32	26.50						
	Assoc Eng Tech	32	22.81						
	Engineering Tech	12	26.00						
	Lodging & Mileage						3,485.00		
	Sub-Tot		124		4,168.84	5,836.38	3,485.00	0.00	1,450.76
2.) 404 Permit coord, IDNR coordination, Kane/DuPage SWCD permits, Kane County stormwater ordinance compliance, Utility Coord, Storm Water Pollution Prevention Plan development, obtain Floodway Regional Permit	Project Manager	8	58.78						
	Project Manager	32	53.21						
	Sen Proj Engineer	48	40.58						
	Sen Proj Engineer	72	37.60						
	Land Surveyor	16	26.50						
	Sen Eng Tech	16	33.80						
	Assoc Eng Tech	16	22.81						
	Engineering Tech	16	26.00						
	Permit Fees						5,000.00		
	Sub-Tot		224		8,573.76	12,003.26	5,000.00	0.00	2,983.67

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Route: CH 1 (FAS 97) West County Line Road
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 (Municipality/Township/County)
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 Job No.: D-91-271-09

Method of compensation:
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 Cost Plus Fixed Fee 2 14.5%[DL + R(DL) + 1.4(DL) + IHDC]
 Cost Plus Fixed Fee 3 14.5%[(2.3 + R)DL + IHDC]
 Specific Rate
 Lump Sum Fee

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 Bureau of Accounting and Auditing:

Overhead Rate(OH) 173.19 % Use 140.00%
 Complexity Factor (R) 0.0
 Calendar Days 270

**Cost Estimate of Consultant's Services in Dollars
 (Use 140.00%) Outside Costs**

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services by Others	In-House Direct Cost (IHDC)	Profit (0.348)	Total
3.) Prelim-Prefinal-Final Plans, Specifications and Estimates, Pavement Design, General Notes, Quantity Summary and Schedules, Existing and Proposed Roadway Details, Alignment and Control Point Information, Traffic Maintenance Plan, Existing Topography and Removal Plan, Proposed Plan & Profile, Compensatory Storage Plan, Pavement Marking & Signing, Erosion Control Plan, Entrance Details, Roadway Transition Details, Bridge Plans, Roadway Cross Sections, Region 1 Standards, Estimates of Time & Cost, Special Provision, Proposal Booklet	Project Manager	32	58.78						
	Project Manager	296	56.65						
	Project Manager	40	53.21						
	Project Manager	148	44.91						
	Sen Proj Engineer	300	37.60						
	Proj Engineer	16	27.66						
	Land Surveyor	150	26.50						
	Assoc Eng Tech	32	22.81						
	Engineering Tech	232	26.00						
	Printing						1,534.00		
	Sub-Tot	1246		49,883.92	69,837.49	1,534.00	0.00	17,359.60	138,615.01

Exhibit A - Preliminary Engineering

Route: CH 1 (FAS 97) West County Line Road
 Local Agency: Kane County
 (Municipality/Township/County)
 Section: 08-00024-01-BR
 Project: BROS-0089(153)
 Job No.: D-91-271-09

*Firm's **approved rates** on file with IDOT'S
 Bureau of Accounting and Auditing:
 Overhead Rate(OH) 173.19 % Use 140.00%
 Complexity Factor (R) 0.0
 Calendar Days 270

Method of compensation:
 Cost Plus Fixed Fee 1 14.5%[DL + R(DL) + OH(DL) + IHDC]
 Cost Plus Fixed Fee 2 14.5%[DL + R(DL) + 1.4(DL) + IHDC]
 Cost Plus Fixed Fee 3 14.5%[(2.3 + R)DL + IHDC]
 Specific Rate
 Lump Sum Fee

**Cost Estimate of Consultant's Services in Dollars
 (Use 140.00%) Outside Costs**

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services by Others	In-House Direct Cost (IHDC)	Profit (0.348)	Total
4.) Four (4) Right of Way Plats of Highway, Legal Descriptions and Certification	Proj Manager	10	58.78						
	Sen Proj Engineer	88	37.60						
	Land Surveyor	224	26.50						
	Assoc Eng Tech	58	22.81						
	Sub-Tot		380		11,155.58	15,617.81	0.00	0.00	3,882.14
Totals		1974		73,782.10	103,294.94	10,019.00	0.00	25,676.17	212,772.21

MAX COST PLUS FIXED FEE = \$ 212,772.21



Direct Costs Check Sheet

Firm Name: Fehr-Graham & Associates LLC PTB/Item No: Fehr Graham 12-357

REQUIRED – DIRECT COSTS WILL ONLY BE ACCEPTED FOR INCLUSION IN CONTRACT WHEN DOCUMENTED ON THIS FORM.
(Indicate only rate and quantities for this specific project.)

Item	Allowable	Contract (1) Rate	Quantity (n/a for work orders)	Total
Per Diem	Up to State Rate Maximum			\$0.00
Lodging (Overnight)	Up to State Rate Maximum	\$70.00	27.00	\$1,890.00
Lodging (Extended)	Actual Cost (based on IDOT's and firm's policy)			\$0.00
Air Fare Coach Rate (with two weeks' notice)	As Approved			\$0.00
Vehicles:		\$0.55	2,900.00	
Mileage	Up to State Rate Maximum			\$1,595.00
Daily Rate (owned or leased)	\$45/day			\$0.00
Overtime	(Premium Portion)			\$0.00
Tolls	Actual Cost			\$0.00
Digital Photo Processing	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
Cell Phones – (traffic systems, survey, phase III only)	\$70/month/phone (maximum) – Phase III (max. of three without IDOT approval)			\$0.00
Telephone Usage (traffic system monitoring)	Actual Cost			\$0.00
2-Way Radio (survey or phase III only)	Actual Cost			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost			\$0.00
Copies of Deliverables/Mylars (in-house)	Actual Cost			\$0.00
Copies of Deliverables/Mylars (outside)	Actual Cost			\$0.00
Specific Insurance (required for project)	Actual Cost			\$0.00
CADD	Actual Cost (max. \$15.00/hour)			\$0.00
Monuments (permanent)	Actual Cost			\$0.00
Advertisements	Actual Cost			\$0.00
Web Site	Actual Cost			\$0.00
Facility Rental for Public Meetings & Exhibits/Renderings & AV	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Recording Fees	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (requires 2-3 quotes)			\$0.00
Traffic Control and Protection	Actual Cost (requires 2-3 quotes)			\$0.00
Aerial Photography and Mapping	Actual Cost (requires 2-3 quotes)			\$0.00
Utility Exploratory Trenching	Actual Cost (requires 2-3 quotes)			\$0.00
Shift Differential	Actual Cost (based on firm's policy)			\$0.00
PROJECT Site Travel	Actual Cost (based on IDOT's and firm's policy)			\$0.00
	Actual Cost (requires 2-3 quotes)			\$0.00
	Actual Cost (requires 2-3 quotes)			\$0.00
	Include 2-3 vendor quotes and explanation for necessity.			\$0.00
Outside Printing Charges (24 x 36 Prints, etc)	Actual Cost	\$0.80	1,430.00	\$1,144.00
Outside Printing Charges (8 1/2 x 11 Copies, etc)	Actual Cost	\$0.15	2,600.00	\$390.00
Permit Fees (Kane-DuPage Soil Water Conservation District)	Actual Cost (max. \$5,000.00)	\$5,000.00	1.00	\$5,000.00
TOTAL				\$10,019.00

1) Used to determine upper limit of compensation for direct cost. Unless maximum is specified under allowable, bill at actual cost.

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

ESTIMATED OUTSIDE DIRECT COSTS

CH 1 (FAS 97) West County Line Road over Union Ditch No. 3
Section 08-00024-01-BR
Existing S.N. 045-3000
Proposed S.N. 045-3066
Kane County
Project BROS-0089(153)
Job No. D-91-271-09

IN – HOUSE DIRECT COSTS

(Not Applicable)

OUTSIDE DIRECT COSTS

Lodging (Max State) (3 Trips x 3 nights ea Trip x 3 men @ 70.00 per night).....	\$ 1,890.00
Vehicle Mileage (5 Trips x 580 mi @ 0.55 per mile).....	\$ 1,595.00
Outside Copies, Printing, Deliverables / Mylars (@ Actual Cost)	\$ 1,534.00
(Prints, Copies, Color Copies, etc.)	
Permit Fees (Kane-DuPage Soil Water Conservation Dist).....	\$ 5,000.00

ESTIMATED TOTAL = \$ 10,019.00

ESTIMATE OF OUTSIDE PRINTING

(Paper Prints - 2 full size sets @ preliminary & 12 full size sets @ prefinal & final submittals)

(24" x 36" Prints) Plans	(2 + 12 + 12) x 55 sheets x \$0.80	= \$ 1,144.00
(8 1/2" x 11" Copies) Proposals	(2 + 12 + 12) x 100 x \$0.15	= \$ 390.00

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

EMPLOYEE HOURLY PAYROLL RATES – CONSULTANTS REGULAR STAFF
(AS OF JANUARY 1, 2012)

Annual Salary Adjustments Made Approximately January 1 and are generally ±3.0%

<u>EMPLOYEE NAME</u>	<u>CLASSIFICATION</u>	<u>HOURLY PAYROLL RATE</u>
Michael W. Gronewold	Project Manager	\$ 58.78
Gunes E. Ozyurt	Project Manager	\$ 58.78
John A. Morris	Project Manager	\$ 53.21
Alan R. Kon	Project Manager	\$ 44.91
Ralph E. Anderson	Project Manager	\$ 56.65 **
Sam F. Madonia	Senior Project Engineer	\$ 40.58 **
Gary J. Cartwright	Senior Project Engineer	\$ 37.60
Tim E. Souther	Senior Project Engineer	\$ 36.07
Adam Staggemeyer	Project Engineer	\$ 27.66
Loujs L. Bringle	Senior Engineering Technician	\$ 33.80 **
Scott Immel	Land Surveyor, Manager	\$ 40.93
Richard Judd Casler	Land Surveyor	\$ 26.50
Joseph Shelly	Survey Crew Chief	\$ 20.06
Ronald D. Fitzanko	Associate Engineering Technician	\$ 22.81
Seth A. Price	Engineering Technician	\$ 26.00 **

** Note: Part Time Employee