

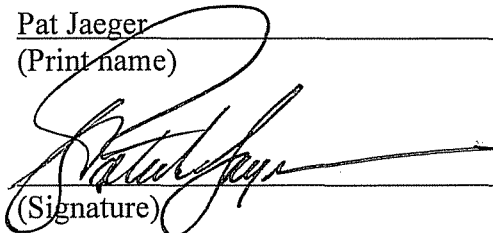
DOCUMENT VET SHEET
for
Karen McConnaughay
Chairman, Kane County Board

Name of Document: Agreement with HLR for 2008 Structure Safety Inspections

Submitted by: Linda Haines

Date Submitted: January 14, 2008

Examined by: Pat Jaeger
(Print name)


(Signature)

(Date)

Comments: As corrected!

Done 1/23/08
ek

Chairman signed: Yes No 2-14-08
(Date)

Document returned to: Co - Clerk

**AN AGREEMENT BETWEEN THE COUNTY OF KANE AND
HAMPTON, LENZINI, RENWICK, INC.
FOR
2008 BRIDGE SAFETY INSPECTIONS**

PURCHASE ORDER # _____

This AGREEMENT, made this 13th day of February 2008 between COUNTY OF KANE, a body corporate and politic of the State of Illinois (hereinafter referred to as the "COUNTY"), and HAMPTON, LENZINI, AND RENWICK, INC., an Illinois Licensed Professional Engineering Corporation, with offices at 3085 Stevenson Drive, Suite 201, Springfield, Illinois 62703 (hereinafter referred to as the "CONSULTANT"). The COUNTY and the CONSULTANT are sometimes hereinafter collectively referred to as the "PARTIES" and individually as a "PARTY".

WITNESSETH

WHEREAS, it is deemed to be in the best interest of the COUNTY and the motoring public to improve and maintain the various highways throughout Kane County; and,

WHEREAS, consultant services are necessary to perform the inspection of County and Township bridges throughout Kane County (hereinafter referred to as "PROJECT"); and,

WHEREAS, the PROJECT is mandated by the Surface Transportation Assistance Act of 1978; and,

WHEREAS, in order to accomplish the PROJECT, it is necessary to retain the services of a professional engineering firm to perform the bridge inspections and related work; and,

WHEREAS, the CONSULTANT has experience and professional expertise in bridge inspection and is willing to perform said services for the PROJECT for an amount not to exceed Two Hundred Sixty Thousand One Hundred Fifty Dollars (\$260,150.00); and,

WHEREAS, the COUNTY has determined that it is in the COUNTY'S best interest to enter into this AGREEMENT with the CONSULTANT.

NOW, THEREFORE, in consideration of the above stated preambles, the mutual covenants and agreements herein set forth, the PARTIES do hereby mutually covenant, promise, agree and bind themselves as follows:

1.0 INCORPORATION

- 1.1 All of the preambles set forth hereinabove are incorporated into and made part of this AGREEMENT.

2.0 SCOPE OF SERVICES

2.1 Services for the PROJECT are to be provided by the CONSULTANT according to the specifications set forth in Exhibit "A" which is attached hereto and incorporated herein. The services are sometimes hereinafter also referred to as the "work".

3.0 NOTICE TO PROCEED

3.1 Authorization to proceed with the work described and as otherwise set forth in Exhibit "A" shall be given on behalf of the COUNTY by the Kane County Engineer, in the form of a written notice to proceed (hereinafter "Notice to Proceed"), following execution of this Agreement by the County Board Chairman of the COUNTY.

4.0 TECHNICAL SUBCONSULTANTS

4.1 The prior written approval of the Kane County Engineer shall be required before any technical sub-consultants are hired by the CONSULTANT to perform any of the work.

4.2 Any such sub-consultants shall be hired and supervised by the CONSULTANT and the CONSULTANT shall be solely responsible for any and all work performed by said sub-consultants in the same manner and with the same liability as if performed by the CONSULTANT.

5.0 TIME FOR PERFORMANCE

5.1 The CONSULTANT shall commence work on the PROJECT as directed in the Notice to Proceed. The COUNTY is not liable and will not pay the CONSULTANT for any work performed prior to the date of the Notice to Proceed or after termination of this AGREEMENT.

5.2 Within ten (10) days after the Notice to Proceed is mailed or otherwise transmitted to the CONSULTANT, the CONSULTANT shall submit a schedule for completion of the PROJECT. The schedule is subject to approval by the County Engineer.

6.0 COMPENSATION

6.1 The COUNTY shall only pay the CONSULTANT for work performed and shall pay only in accordance with the provisions of this AGREEMENT.

6.2 For work performed, the COUNTY shall pay the CONSULTANT based upon the hourly rates the actual hourly rates set forth in Exhibit "B" times a 2.9 multiplier, which includes all overhead and profit.

- 6.3 For direct expenses, the COUNTY shall pay the CONSULTANT for supplies and materials required for the completion of all work defined in the exhibit(s) attached hereto.
- 6.4 For direct expenses, the CONSULTANT shall include copies of receipts from suppliers for expendable materials with its invoice to the COUNTY. Computer charges will not be allowed as direct expenses.
- 6.5 Within 45 days of receipt, review and approval of properly documented invoices, the COUNTY shall pay or cause to be paid to the CONSULTANT partial payments of the compensation specified in this AGREEMENT. Payment will be made in the amount of sums earned less previous partial payments. However, the COUNTY reserves the right to hold back a sum equal to five percent (5%) of the total contract sum to ensure performance satisfactory to the Kane County Engineer.
- 6.6 Total payments to the CONSULTANT under the terms of this AGREEMENT shall not exceed Two Hundred Sixty Thousand One Hundred Fifty Dollars (\$260,150.00).

7.0 DELIVERABLES.

- 7.1 The CONSULTANT shall provide the COUNTY, prior to the termination of this AGREEMENT, or at such time as the Kane County Engineer directs, any required deliverables related to work performed under this AGREEMENT.
- 7.2 Upon receipt, review and acceptance of all deliverables by the COUNTY (if required), final payment will be made to the CONSULTANT by the COUNTY.

8.0 CONSULTANT'S INSURANCE

- 8.1 The CONSULTANT shall, during the term of this AGREEMENT and as may be required thereafter, maintain, at its sole expense, insurance coverage including:
 - A. Worker's Compensation Insurance in the statutory amounts.
 - B. Employer's Liability Insurance in an amount not less than Five Hundred Thousand Dollars (\$500,000) each accident/injury and Five Hundred Thousand Dollars (\$500,000) each employee/disease.
 - C. Commercial General Liability Insurance, (including contractual liability) with limits of not less than One Million Dollars (\$1,000,000) per occurrence bodily injury/property damage combined single limit; Two Million Dollars (\$2,000,000) excess liability coverage in the aggregate for injury/property damage combined single limit and Two Million Dollars (\$2,000,000) in the aggregate for products-completed operations.

- D. Commercial Automobile Liability Insurance with minimum limits of at least One Million Dollars (\$1,000,000) for any one person and One Million Dollars (\$1,000,000) for any one occurrence of bodily injury or property damage.
- E. Professional Errors and Omissions Insurance with a minimum limit of One Million Dollars (\$1,000,000).

8.2 It shall be the duty of the CONSULTANT to provide to the COUNTY copies of the CONSULTANT'S certificates of insurance before issuance of the Notice to Proceed. The CONSULTANT shall provide the COUNTY and maintain a certificate of insurance for its General Liability Policy which certificate shall include the COUNTY as additional named insured. The additional insured endorsement included on the CONSULTANT'S Commercial General Liability policy will provide the following:

- A. That the coverage afforded the additional insured will be primary insurance for the additional insured with respect to claims arising out of operations performed by or on behalf of the CONSULTANT;
- B. That if the additional insured has other insurance which is applicable to the loss, such other insurance will be only on an excess or contingent basis;
- C. That the amount of the CONSULTANT'S liability under the insurance policy will not be reduced by the existence of such other insurance; and,
- D. That the certificate of insurance shall contain a provision or endorsement that the coverage afforded will not be canceled, materially changed, nor renewal refused until at least thirty (30) days prior written notice has been given to COUNTY.

8.3 The insurance required to be purchased and maintained by CONSULTANT shall be provided by an insurance company acceptable to the County with an AM Best rating of A- or better, and licensed to do business in the State of Illinois; and shall include at least the specified coverage and be written for not less than the limits of the liability specified herein or required by law or regulation whichever is greater. In no event shall any failure of the COUNTY to receive policies or certificates of insurance or to demand receipt of the same be construed as a waiver of the CONSULTANT'S obligation to obtain and keep in force the required insurance.

9.0 INDEMNIFICATION.

9.1 To the fullest extent permitted by law, the CONSULTANT shall indemnify and hold harmless the COUNTY, and its officials, directors, officers, agents, and employees from and against any and all claims, damages, losses, and expenses, including but not limited to court costs and attorney's fees, arising out of or resulting from performance of the work, provided that such claim, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or

destruction of property, including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of the CONSULTANT, a sub-consultant, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, excluding any proportionate amount of any claim, damage, loss or expense which is caused by the negligence of the COUNTY. Such obligation shall not be construed to negate, abridge or reduce other rights or obligations of indemnity, which would otherwise exist as to a PARTY or person described in this paragraph. In claims against the COUNTY and its officials, directors, officers, agents, and employees by an employee of the CONSULTANT, a sub-consultant, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this paragraph shall not be limited by a limitation on the amount or type of damages, compensation or benefits payable by or for the CONSULTANT or a sub-consultant under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

- 9.2 Nothing contained herein shall be construed as prohibiting the COUNTY, its officials, directors, officers, agents, and employees, from defending through the selection and use of their own agents, attorneys and experts, to defend any claims, actions or suits brought against them.
- 9.3 If any errors, omissions, intentional or negligent acts are made by the CONSULTANT or sub-consultant in any phase of the work, the correction of which requires additional field or office work, the CONSULTANT shall be required to perform such additional work as may be necessary to remedy same without undue delay and without charge to the COUNTY.
- 9.4 Acceptance of the work by the COUNTY will not relieve the CONSULTANT of the responsibility for the quality of the work, nor of the CONSULTANT'S liability for loss or damage to property or persons resulting therefrom.
- 9.5 Any contractor hired by the COUNTY to perform the construction work on the PROJECT shall be required to indemnify and hold harmless both the COUNTY and the CONSULTANT from worker injury claims by including the following provision in the construction contract:

To the fullest extent permitted by law, the contractor shall indemnify and hold harmless the COUNTY, the CONSULTANT, and any sub-consultant and their respective agents and employees from and against any and all claims, damages, losses, economic losses and expenses, including but not limited to attorney's fees, arising out of or resulting from performance of the work, provided that such claim, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of the contractor, a subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, excluding any proportionate amount of any claim, damage, loss or expense which is caused by a party indemnified hereunder. Such obligation shall not be construed to negate,

abridge or reduce other rights or obligations of indemnity, which would otherwise exist as to a party or person described in this paragraph. In claims against any person or entity indemnified under this paragraph by an employee of the contractor, a subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this paragraph shall not be limited by a limitation on the amount or type of damages, compensation or benefits payable by or for the contractor or a subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

10.0 SATISFACTORY PERFORMANCE.

10.1 The CONSULTANT'S and sub-consultant's standard of performance under the terms of this AGREEMENT shall be that which is to the satisfaction of the COUNTY and meets or exceeds the quality and standards commonly accepted in the industry in the Chicago Metropolitan area.

11.0 CONFLICT OF INTEREST.

11.1 The CONSULTANT covenants that it has no conflicting public or private interest and shall not acquire directly or indirectly any such interest which would conflict in any manner with the performance of CONSULTANT'S services under this AGREEMENT.

11.2 The CONSULTANT, by its signature on this AGREEMENT, certifies that it has not been barred from being awarded a contract or subcontract under the Illinois Purchasing Act; and further certifies that it has not been barred from contracting with a unit of State or Local government as a result of a violation of Section 33E-3 or 33E-4 of the Illinois Criminal Code (Illinois Compiled Statutes, 1992, Chapter 720, paragraph 5/33E-3).

12.0 OWNERSHIP OF DOCUMENTS.

12.1 The CONSULTANT agrees that all survey data, reports, drafting, studies, specifications, estimates, maps and computations transmitted to or prepared by the CONSULTANT under the terms of this AGREEMENT shall be properly arranged, indexed and delivered to the COUNTY within ten (10) days of written request therefor.

12.2 The documents and materials made or maintained under this AGREEMENT shall be and will remain the property of the COUNTY which shall have the right to use same without restriction or limitation and without compensation to the CONSULTANT other than as provided in this AGREEMENT.

13.0 COMPLIANCE WITH STATE AND OTHER LAWS.

- 13.1 The CONSULTANT and sub-consultants will comply with all State, Federal and Local statutes, ordinances and regulations; and will obtain all permits as are applicable.
- 13.2 The CONSULTANT and any sub-consultants shall not discriminate against any worker, job applicant, employee or any member of the public, because of race, creed, color, sex, age, handicap, or national origin, or otherwise commit an unfair employment practice.

14.0 MODIFICATION OR AMENDMENT.

- 14.1 The terms of this AGREEMENT may only be modified or amended by a written document duly executed by both PARTIES.

15.0 TERM OF THIS AGREEMENT.

- 15.1 The term of this AGREEMENT shall begin on the date this AGREEMENT is fully executed and shall continue in full force and effect until the earlier of the following occurs:

- A. The PARTY'S termination of this AGREEMENT in accordance with the terms of Section 16.0; or,
- B. December 31, 2009.

- 15.2 In the event the time is exceeded and/or anticipated personnel requirements are not adequate and remaining funds are not sufficient to complete the PROJECT, adjustments in total compensation to the CONSULTANT may be determined through negotiation between the COUNTY and the CONSULTANT. The COUNTY shall however, have no obligation to agree to any such adjustment.

- 15.3 The date of the first calendar day for this AGREEMENT shall be the date of receipt of the Notice to Proceed by the CONSULTANT from the COUNTY. In the event the PROJECT work is suspended as recorded on the "Report of Starting and Completion Date," the calendar days for this AGREEMENT will also be suspended for a like amount of time.

16.0 TERMINATION ON WRITTEN NOTICE.

- 16.1 Except as otherwise set forth in this AGREEMENT, the CONSULTANT shall have the right to terminate this AGREEMENT for cause upon serving sixty (60) days written notice upon the COUNTY.
- 16.2 The COUNTY may terminate this AGREEMENT at any time upon written notice to the CONSULTANT.
- 16.3 Upon termination of this AGREEMENT, the obligations of the PARTIES to this AGREEMENT shall cease, but they shall not be relieved of the duty to perform

their obligations up to the date of termination. Notwithstanding anything in this AGREEMENT to the contrary however, the obligations of the CONSULTANT to indemnify and hold harmless the COUNTY as provided for in Section 9.0 of the AGREEMENT shall survive the termination of this AGREEMENT.

16.4 Upon termination of this AGREEMENT, all data, work products, reports and documents produced, as a result of this AGREEMENT shall become the property of the COUNTY.

17.0 ENTIRE AGREEMENT.

17.1 This AGREEMENT contains the entire AGREEMENT between the parties.

17.2 There are no other covenants, promises, conditions or understandings, either oral or written, other than those contained herein.

18.0 NON-ASSIGNMENT.

18.1 This AGREEMENT shall not be assigned by either PARTY without prior written approval by the other PARTY requesting the assignment.

19.0 SEVERABILITY.

19.1 In the event any provision of this AGREEMENT is held to be unenforceable for any reason, the enforceability thereof shall not affect the remainder of the AGREEMENT, which will remain in full force and effect and enforceability in accordance with its terms.

20.0 GOVERNING LAW.

20.1 This AGREEMENT shall be governed by the laws of the State of Illinois both as to interpretation and performance.

20.2 Venue for any dispute arising hereunder shall be in the Circuit Court of the Sixteenth Judicial Circuit, Kane County, Illinois.

21.0 NOTICE.

Any required notice shall be sent to the following addresses and party:

KANE COUNTY DIVISION OF TRANSPORTATION
41W011 Burlington Road
Saint Charles, IL 60175
Attn.: Carl Schoedel, P.E., Kane County Engineer

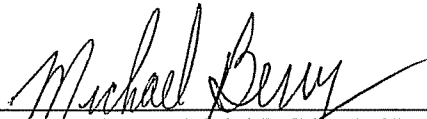
HAMPTON, LENZINI, AND RENWICK, INC.
3085 Stevenson Drive, Suite 201
Springfield, Illinois 62703
Attn.: Michael Berry, S.E., P.E.

IN WITNESS WHEREOF, the parties set their hands and seals as of the date first written above.

COUNTY OF KANE

HAMPTON, LENZINI, AND RENWICK,
INC.


KAREN McCONNAUGHAY
CHAIRMAN, KANE COUNTY BOARD


By: MICHAEL BERRY, S.E., P.E.
PRESIDENT

ATTEST:

ATTEST:

JOHN A. CUNNINGHAM
KANE COUNTY CLERK

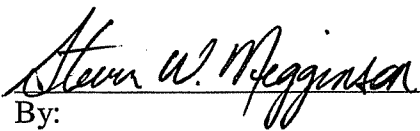

By:
STEVE MEGGINSON, S.E., P.E.
VICE-PRESIDENT

Exhibit "A" -- Scope of Work/Estimate of Cost

Hampton, Lenzini and Renwick, Inc (HLR) shall inspect all bridges as detailed in the attached list of structures, in accordance with the National Bridge Inspection Standards and the Illinois Department of Transportation Structure Information and Procedure Manual.

The Consultant shall submit the following to the County for each major structure inspected:

- 1) IDOT Bridge Inspection Report, BM-BIR-1
- 2) IDOT Inspection/Appraisal Report
- 3) Bridge Inspection Report Narrative

The minor structures will require only an abbreviated report.

The Bridge Inspection Report Narrative shall be in a format similar to KDOT format presented in previous inspections, as approved by KDOT. This report shall be submitted as a Microsoft Word or Adobe Acrobat file, with all photos and hand sketches integral to the file.

The Inspection Narrative will also contain detailed maintenance recommendations and a detailed cost estimate for each structure that includes the costs of all repairs mentioned in the report's recommendations.

HLR will provide a plan of access for inspection of each bridge. It is anticipated that specialized equipment such as snooper trucks or rigging will be required to allow the inspector to closely examine the bridge elements. All direct costs for equipment rental, traffic control and permits are included in this proposal.

HLR shall coordinate all inspections and lane closures with KDOT. All inspection over railroads will be coordinated with the appropriate railroad. All costs for licenses, flaggers and permits have been estimated based on past work and is included in this proposal.

The consultant will assist in any other needs as defined by the county to comply with the requirements of NBIS.

HLR shall evaluate County structures as to their capabilities to carry overweight loads, per the attached list. Four vehicle configurations will be analyzed for each structure to develop standard allowable at each location. The results will be presented in tabular format with the maximum load allowed for each loading case for each structure.

HLR shall provide services to evaluate scour and create Plan of Actions for three scour critical structures (045-0049, 045-3029, and 045-3010). In addition, the consultant shall review the existing scour evaluations studies for all County structures. HLR will make recommendations to use the existing evaluations or items needed revise the reports. Improvements to the scour evaluations will be made at a later date. Work will be completed according to the IDOT Circular Letter (2007-05).

Exhibit “A” – Scope of Work/Estimate of Cost

HLR shall hire Jacob & Hefner Associates, P.C., a suitable LIDAR-able sub-consultant to conduct the annual survey of the Peck and Keslinger Roads over the Union Pacific Railroad MSE walls. HLR will compare the results to the existing data to track any movement. The data shall be per the following specifications:

Deliverable File formats:

1. Raw LIDAR data (.LAS).
2. *Applied Imagery Format - .QTT
3. *Applied Imagery Format - .QTC

Standards:

1. NMAS – National Map Accuracy Standards
2. NSSDA – National Standard for Spatial Data Accuracy
3. ASPRS – America Society for Photogrammetric and remote sensing.

These standards and data compliance should be referenced in any deliverable.

Schedule

HLR shall complete the detailed work according to the following schedule based on the notice to proceed issued on approximately February 25, 2008.

The project schedule shall be as follows.

April 14, 2008	Submittal of R-104 and R-105 forms to IDOT and KDOT
May 15, 2008	Narratives and cost estimates submitted, initial overweight permitting evaluations, and initial scour evaluation (Plan of Actions and scour study reviews) submitted to KDOT
June 15, 2008	Comments returned by KDOT
July 15, 2008	Final versions of all materials submitted to County

2008 Kane County Bridge Inspection & Rating List

Structure Number	Facility Carried	Feature Crossed	Inspection	Load Rating	Type
045-0040	French Road	Burlington	X	X	Major
045-0049	Main Street	Blackberry Creek	X	X	Major
045-0060	Randall Road	Route 20	X	X	Major
045-0083	Main Street	I88	X	X	Major
045-3000	W. County Line Road	Union Drainage Ditch. No. 3	X		Major
045-3001	W. County Line Road	Young's Creek	X	X	Major
045-3002	Peplow Road	Virgil Ditch No. 3		X	Major
045-3004	Main Street	Big Rock Creek	X	X	Major
045-3005	Main Street	Welch Creek	X	X	Major
045-3006	Bliss Road	Blackberry Creek	X	X	Major
045-3009	Jericho Road	Big Rock Creek		X	Major
045-3010	Jericho Road	Blackberry Creek	X	X	Major
045-3011	Big Timber Road	Tyler Creek		X	Major
045-3012	Big Timber Road	Tyler Creek		X	Major
045-3015	Damisch Road	Tyler Creek	X		Major
045-3018	Bowes Road	Otter Creek	X	X	Major
045-3021	Dunham Road	CN RR	X		Major
045-3027	Randall Road	Ferson Creek		X	Major
045-3028	Randall Road	C & NW RR	X	X	Major
045-3029	Randall Road	Mill Creek		X	Major
045-3032	Tanner Road	Lake Run Creek	X	X	Minor
045-3035	Allen Road	Br. Of Coon Creek		X	Major
045-3036	Walker Road	Coon Creek	X	X	Major
045-3041	Ramm Road	Virgil Ditch No. 3		X	Major
045-3051	Hopps Road	Otter Creek	X		Major
045-3053	Keslinger Road	Trib. to Mill Creek	X		Minor
045-3094	Prairie Street	Blackberry Creek	X		Major
045-3096	Kirk Road	UP RR	X	X	Major
045-3097	Fabyan Parkway	Fox River	X	X	Major
045-3099	Wenmoth Road	Mill Creek	X		Major
045-3101	Keslinger Road	Welch Creek	X		Major
045-3103	Wheeler Road	Welch Creek	X		Major
045-3104	Hinckley Road	West Branch Big Rock Creek	X		Major
045-3106	Price Road	Big Rock Creek	X		Major
045-3107	Dauberman Road	Welch Creek	X	X	Major
045-3115	Randall Road	CN RR & Tyler Creek	X	X	Major

045-3116	Main Street	Mill Creek	X	X	Major
045-3125	Harmony Road	Stream	X	X	Major
045-3137	Farnsworth Avenue	Waubensee Creek Trib.	X		Major
045-3139	Dauberman Road	Welch Creek		X	Major
045-3140	Harter Road	Welch Creek		X	Major
045-3141	Meredith Road	Union Drainage Ditch. No. 3		X	Major
045-3144	Highland Avenue	Pingree Creek		X	Major
045-3145	Keslinger Road	Mill Creek		X	Major
045-3146	Scott Road	Welch Creek		X	Major
045-3147	Hughes Road	Blackberry Creek	X	X	Major
045-3151	Granart Road	Big Rock Creek	X	X	Major
045-3152	BNSF	Orchard Road	X		Major
045-3153	BNSF	Orchard Road	X		Major
045-3154	Keslinger Road	Blackberry Creek		X	Major
045-3155	Plank Road	Branch of Tyler Creek		X	Major
045-3156	Union Pacific	Bunker Road	X		Major
045-3157	Big Timber Road	Tyler Creek	X	X	Major
045-5001	Meredith Road	Virgil Ditch No. 1		X	Major
045-5009	Randall Road	Mill Creek Trib.	X	X	Major
045-5510	Plank Road	Burlington Creek		X	Minor
045-5551	Corron Road	Bowes Creek		X	Minor
045-5572	Fabyan Parkway	Mill Creek Branch	X		Minor
045-5578	Empire Road	Unnamed	X		Minor
045-5583	Main Street	Lake Run Creek	X		Minor
045-5586	Randall Road	Unnamed	X		Minor
045-5589	Damisch Road	Tyler Creek Trib.	X		Minor
045-6003	Austin Avenue	Fox River	X		Major
045-6004	Austin Avenue	Fox River	X		Major
045-9908	Randall Road	I88	X	X	Major
045-9909	Randall Road	I90	X	X	Major
045-9953	County Line Road	I88	X	X	Major
045-9956	Dauberman Road	I88	X	X	Major
045-9959	Bliss Road	I88	X	X	Major
	Stearns Road EB	North Brewster	X	X	Major
	Stearns Road WB	North Brewster	X		Major
	Illinois Rte 31	Stearns Road	X		Major
	Dunham Road	CH RR	X		Major
	Fabyan Parkway	Mill Creek	X		Major

2008 KANE COUNTY BRIDGE INSPECTIONS AND REPORTS

ESTIMATE OF ENGINEERING SERVICES

2008
 EST
 # STRUCTURES 50

	TOTAL HRS	HR/ STR	EMPL CLASS	HRLY RATE	TOTAL COST
Field Inspection & IDOT Doc.'s					
Coordination, C	50	1.0	EB	\$131.95	\$6,597.50
	50	1.0	E3	\$90.13	\$4,506.60
Field Bridge Inspection, BI	200	4.0	EB	\$131.95	\$26,390.00
	150	3.0	T4	\$62.21	\$9,330.75
Drafting Bridge Sketches, DM	150	3.0	T2	\$49.30	\$7,395.00
IDOT Documentation, PER	50	1.0	E3	\$90.13	\$4,506.60
CADD time					
Indepth PPC Inspections					\$50,000.00
3D Laser Scanning- Peck/ Kesl					\$4,500.00
Equipment/Snooper Rental				10 days x 2000	\$20,000.00
Traffic Control				10 days x 1000	\$10,000.00
Railroad Permits and Flagmen					\$12,000.00
SUBTOTAL	650	13			\$155,226.45
Bridge Report Narrative and Estimates					
Compile Narrative Report, R	300	6.0	E3	\$90.13	\$27,039.60
Revisions to Report, RE	50	1.0	T4	\$62.21	\$3,110.25
Structural Eval (50%), STR	0	0.0	E6	\$106.40	\$0.00
Struct. Eval. QA/QC Review	0	0.0	E9	\$139.14	\$0.00
Quantity Takeoff, QT	50	1.0	E3	\$90.13	\$4,506.60
Estimate of Cost, ES	50	1.0	E3	\$90.13	\$4,506.60
Office Review, OR	50	1.0	EB	\$131.95	\$6,597.50
Typing & Copying, T	150	3.0	C2	\$65.69	\$9,852.75
Proj, Adm, PA	15	0.3	PR	\$150.66	\$2,259.83
Photos & Printing					\$119.64
SUBTOTAL	665	13			\$57,992.77

2008 KANE COUNTY BRIDGE INSPECTIONS AND REPORTS

ESTIMATE OF ENGINEERING SERVICES

Scour Evaluations & Plan of Action		3	structures		
Field Survey, STP (½ total)	0 0.0	T7		\$94.42	\$0.00
	0 0.0	T3		\$54.52	\$0.00
Plotting, PLT (½ total)	0 0.0	T4		\$62.21	\$0.00
Hydraulic Analysis, H	0 0.0	E3		\$90.13	\$0.00
Review Previous Evaluations	20 13.3	E3		\$90.13	\$1,802.64
Plan-of-Action	36 12.0	E3		\$90.13	\$3,244.75
Office Review, OR	8 2.7	E8		\$131.95	\$1,055.60
Typing & Copying, T	8 2.7	C2		\$65.69	\$525.48
SUBTOTAL	72 31				\$6,628.47

Overload Ratings		48	structures		
Coordination, C	8	PR		\$150.66	\$1,205.24
Develop Structural Model(Adva	72 3 Bridges	E5		\$96.14	\$6,921.72
Calculate Load Ratings(Advanc	12	E5		\$96.14	\$1,153.62
Develop Structural Model(Typic	84 12 Bridges	E5		\$96.14	\$8,075.34
Calculate Load Ratings(Typical	24	E5		\$96.14	\$2,307.24
Develop Structural Model(Simp	132 33 Bridges	E5		\$96.14	\$12,689.82
Calculate Load Ratings (Simple	33	E5		\$96.14	\$3,172.46
		C2		\$65.69	\$0.00
QAQC Ratings	30	E9		\$139.14	\$4,174.26
Typing & Copying, T	4	PR		\$150.66	\$602.62
Printing					\$0.00
SUBTOTAL	307				\$40,302.32

TOTAL ENGINEERING PROPOSAL \$260,150.00