COUNTY OF KANE

Christopher J. Lauzen Kane County Board Chairman

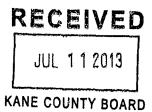


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DOCUMENT VET SHEET

for

Christopher J. Lauzen Chairman, Kane County Board



		226
Name of Document:	Professional Design Engineering	Resolution No.: 13-228
	Services Agreement with HLR for Longmea	adow Parkway Bridge Corridor
	Section #13-00215-00-PV	
Submitted by:	Linda Haines	Dept. Head Signature:
Date Submitted:	June 19, 2013	Dept. Head Sign-off Date: 104 2 2013
Examined by:	Pat Jaeger (Print page) (Signature) (Date)	
Post on the Web:		itials M
Chairman signed:	rded clerk for	7/15/2013 Date) Signofure + Slal
Document returned	to: <u>Clerk for</u>	Signature + Stal
	(Name/Department)	U

COUNTY OF KANE

RESOLUTION NO. 13 - 228

APPROVING A PROFESSIONAL DESIGN ENGINEERING SERVICES AGREEMENT WITH HAMPTON, LENZINI AND RENWICK, INC. FOR LONGMEADOW PARKWAY BRIDGE CORRIDOR FROM HUNTLEY ROAD TO RANDALL ROAD (SECTION A) KANE COUNTY SECTION NO. 13-00215-00-PV

WHEREAS, professional design engineering services are required for the proposed improvement of the Longmeadow Parkway Bridge Corridor (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 professional design engineering services; and

WHEREAS, HLR, Inc., 380 Shepard Drive, Elgin, IL 60123-7010 has experience and professional expertise in design engineering and is willing to perform the required services for an amount not to exceed One Million Three Hundred Ninety Eight Thousand Two Hundred Sixty Eight Dollars (\$1,398,268.00) as set forth in the proposed professional design engineering services agreement with HLR, Inc. (a copy of which is on file with the County Clerk's Office).

NOW, THEREFORE, BE IT RESOLVED by the Kane County Board that the Chairman thereof is hereby authorized to execute a professional design engineering services agreement with HLR, Inc..

BE IT FURTHER RESOLVED that the Kane County Board appropriate the not to exceed sum of Five Hundred Thousand Dollars (\$500,000.00) from Transportation Sales Tax Fund #305, Line Item #50140 (Engineering), Three Hundred Ninety Eight Thousand Two Hundred Sixty Eight Dollars (\$398,268.00) from Transportation Capital Fund #540, Line Item #50140 (Engineering), and Five Hundred Thousand Dollars (\$500,000.00) from Impact Fees Fund #558, Line Item #50140 (Engineering) for a total appropriation of One Million Three Hundred Ninety Eight Thousand Two Hundred Sixty Eight Dollars (\$1,398,268.00) to pay for said professional design engineering services for the Improvement.

Line Item	Line Item Description	Was personnel/item/service approved in original budget or a subsequent budget revision?	Are funds currently available for this personnel/item/service in the specific line item?	If funds are not currently available in the specified line item, where are the funds available?
305.520.527.50140	Engineering	Yes	Yes	
540.520.525.50140	Engineering	Yes	Yes	
558.520.558.50140	Engineering	Yes	Yes	

Passed by the Kane County Board on July 9, 2013.

John A. Cunningham Clerk, County Board

Kane County, Illinois

Christopher J. Lauzen Chairman, County Board Kane County, Illinois

Vote:

Yes

No---

Voice

Abstentions

7LNGMDWSECADSGNENGHLR.4LH

AN AGREEMENT BETWEEN THE COUNTY OF KANE AND HAMPTON, LENZINI AND RENWICK, INC. FOR PROFESSIONAL DESIGN ENGINEERING SERVICES KANE COUNTY SECTION NO. 13-00215-00-PV

PURCHASE ORDER #2013-XXX

This AGREEMENT made this ____ day of July 2013 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**., a Delaware corporation authorized to do business in the state of Illinois and an Illinois Licensed Professional Engineering firm with offices at 380 Shepard Drive, Elgin, Illinois 60123, (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, the COUNTY desires to improve various Kane County Highways and in conjunction therewith requires professional design engineering services for the design of Longmeadow Parkway – Section A from Huntley Road to east of Randall Road as described in the project scoping report therefore (hereinafter referred to as the "PROJECT"); and

WHEREAS, in order to complete the PROJECT it is necessary to retain the services of a professional engineering firm to perform engineering design services; and,

WHEREAS, the CONSULTANT has experience and professional expertise in engineering design services and is willing to perform said services for an amount not to exceed One Million Three Hundred Ninety Eight Thousand Two Hundred Sixty Eight Dollars and Eight cents (\$1,398,268.08); 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 set forth in Exhibit "B", which is attached hereto and incorporated herein and which rates includes 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 One Hundred Forty One Thousand Two Hundred Thirty Six Dollars and Ninety Seven cents (\$141,236.97).
- 6.7 The CONSULTANT shall use the COUNTY'S Automatic Clearing house (ACH) payment program. The following link shall be used to complete the vendor agreement http://web.kane/purchasing/New_Vendor_Packet_REQUIRED.pdf.

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 and any sub-consultants 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 and any sub-consultant's certificates of insurance before issuance of the Notice to Proceed. The certificate(s) of insurance shall indicate the County of Kane as the Certificate Holder and shall also indicate the Section Number and the Purchase Order Number set forth in the title to this Agreement. The CONSULTANT and any sub-consultants 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 and any sub-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 and any sub-consultants;
 - 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 and any sub-consultants 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 and any sub-consultants 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 and any sub-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 and any subconsultants 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.

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 prepared by the CONSULTANT under the terms of this AGREEMENT shall be properly arranged, indexed and delivered to the COUNTY within ninety (90) 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 – PREVAILING WAGE ACT.

- 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.
- 13.3 The CONSULTANT and any sub-consultant(s) shall comply with all applicable State and Federal Prevailing Rate of Wage Laws, and shall take all steps necessary to remain in compliance therewith. (See Exhibit "C").

13.4 The CONSULTANT and any sub-consultant(s) shall comply with the Kane County Ethics Ordinance (Article II, Division 3, Section 2-211), (see Exhibit "D").

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. August 1, 2018.
- 15.2 In the event the required calendar days are 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. 380 Shepard Drive Elgin, Illinois 60123

Attn.: David H. Hinkston, C.E.O.

(seal)

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

CHRISTOPHER J. LAUZEN
CHAIRMAN, KANE COUNTY BOARD

ATTEST:

JOHN A. CUNNINGHAM
KANE COUNTY CLERK

HAMPTON, LENZINI AND RENWICK, INC.

By: Diane M. Lukas
PRESIDENT

ATTEST:

By: David H. Hinkston
CEO

EXHIBIT A - SCOPE OF WORK (SECTION A)

Longmeadow Alliance Consultants (LAC) will perform the following work as described in the tasks to follow. These groups of preliminary engineering tasks are focused on reviewing all Phase I data, studies, overall progress to date and completing the necessary efforts to obtain design approval as granted by the Illinois Department of Transportation (IDOT) on behalf of the Federal Highway Administration (FHWA). Following substantial completion of Phase I activities, LAC will prepare contract plans, specification and estimates, coordinate with other Design Section Consultants and provide the necessary information to the Section C consultant for their corridor wide responsibilities.

LAC will complete the tasks below assuming the alignment and geometry as completed by the previous consultant will remain unchanged until after Phase I is completed. Any Phase II design work performed by the design consultant on Sections B, C and D that results in project geometry different than the current design will require coordination with IDOT Bureau of Local Roads and Streets (BLR&S) and the FHWA. This Phase II effort for each section will be the responsibility of the design consultant for that section. LAC is responsible for updating the Phase I documents as necessary to reflect these changes through the development and submittal of a Phase I addendum. Many of the Phase I engineering or review tasks are corridor-wide (which includes sections A, B, C and D) as published in the request for proposal and are described herein.

PHASE I TASKS

1. Data Collection – LAC will review all project development data to date including draft documents, exhibits, design files and calculations. LAC will also review all approved documents and prepare an action item or "risk" list noting deficiencies and/or challenges to obtaining Phase I approval. This team will include disciplines leads for drainage, roadway, CADD, environment, structural, corridor design report, correspondence and environment. LAC will essentially be taking ownership of many if not all of the findings and determinations to date so it is critical for the LAC team to fully assess the existing data and identify all gaps necessary to achieve design approval.

LAC will conduct three (3) site visits with four team members to rectify any inconsistencies between historical data and known changes to topography, access, development, roadway, etc. Each site visit is expected to be 6 hours and allow for two (2) hours for summary write-up and information sharing with team/KDOT.

Data review will include a thorough analysis of the drainage, IDS and capacity analysis, geometry (plan and profile sheets and other exhibits), organizing the CADD files, reviewing the EIS and supporting documentation, structural review in preparation for the value engineering study, CDR and other correspondence review. The EIS review also includes a detailed study of the Noise Report and review of the noise analysis program to determine if altering the alignment will change the noise impact results, thus opening the EIS.

2. Survey and Alignment – Section A is charged with providing pick-up survey for the entire project. Knowing that the current survey data was not recorded in Microstation format and was managed by a different consultant, LAC will partner with EEI to insure no errors occur during the conversion and will field verify this conversion. LAC understands there is substantial survey scope required for purposes of design and land acquisition.

The scope for this task is comprised of a set-up phase which will consist of collecting and verifying existing topographic survey data to date, collecting and referencing existing right-of-way data to date, coordinating pick-up survey needs with other consultants, verifying, supplementing and maintaining horizontal control, performing a level circuit, establishing and



maintaining benchmarks, establishing alignments and stationing (staking and ties of the PCs and PTs of the centerline are required to create the tie diagrams) and creating tie diagrams for control points and centerlines. The tie diagrams will be completed for the entire corridor. The horizontal control task includes correcting the small curves that currently exist in the centerline.

Topography will include pick-up survey as required with cross-section @ 50 intervals (15' beyond proposed right-of-way) including cross-streets and driveways and wetland pick-up, stream survey (Fox River) and inspections of manholes including pipe sizes and inverts. The pick-up survey will be done with two 1-man crews, while the stream survey and manhole inspection will be done with a 2-man crew for safety reasons.

LAC will download and check all the survey data and incorporate it into the existing data. A new DTM file will be created as well.

LAC will provide KDOT a CD of project files and finished survey books with all pertinent information.

3. Coordination and Meetings – Due to the dual nature of this project (corridor wide Phase I and Survey and Section specific design for Phase II), LAC expects substantial coordination efforts required to complete this project.

LAC will Prepare for and attend a kick-off meeting with IDOT Bureau of Local Roads and KDOT staff. Meeting minutes will be prepared and circulated to all parties. The purpose of this meeting is to re-introduce the project to IDOT, determine scheduling of future meetings, general coordination and KDOT/IDOT submittal and review protocols.

Stakeholder workshop – LAC will host an 8-hr stakeholder workshop with KDOT internal staff and all of the Design Section Consultants and a 4-hour workshop with external agencies (corridor local agencies, possibly police, fire, school districts, etc.). A Multi-disciplined team from LAC will lead a structured discussion of all Phase I and Phase II elements corridor wide to ensure complete communication and a shared understanding of the project goals, challenges, and schedules and to identify risk and mitigation plans for threats to budget, schedule, project support and environment. We anticipate the PM, Deputy PM, Environmental Lead, Roadway Lead, Drainage Lead and Constructability Lead to attend the workshop. During the overall workshop, each section will be discussed in detail focusing on planning, design, construction and maintenance aspects that could affect design approval, overall schedule and cost, EIS commitments and public support for the project. The primary deliverables from this meeting will be a shared understanding of the project by all KDOT and Section Design Consultant teams. A risk log will be developed from this meeting and used throughout the project as a means for all teams to be aware of project goals and concerns and to make day to day decisions that reflect those goals and concerns.

LAC expects to present at three (3) BLR&S/FHWA presentation meetings. The initial presentation will simply be to re-introduce the project to the various IDOT and FHWA review entities since this project has not been formally discussed in nearly three (3) years. A second meeting is expected in order for LAC to respond back to any questions, present completion of all Phase I tasks and to request design approval. A third meeting will be required post design approval to present all significant changes to the geometry as approved in the CDR.

LAC will prepare for and attend three (3) meetings with the Geometric Studies Unit (GSU) of Programming. The initial meeting will be to re-introduce the project, determine review standards, and set up a schedule for submittals and review times. A second meeting will be dedicated to going over review comments from the GSU and answer any questions they may have. The third meeting will be scheduled to discuss design changes after Design Approval.



LAC will prepare for and attend 20 corridor coordination meetings with County staff through the duration of the project. LAC will prepare and circulate meeting minutes for those meetings held at our offices. LAC will also prepare for and attend meetings with outside agencies (assume 4 agencies at 1 meeting each).

LAC will coordinate work with Huddleston McBride for purposes of a field tile survey and necessary repairs to field tiles. LAC will also coordinate work with Altamanu for purposes of developing Landscape Architecture concept plans and detention/water quality concepts and strategies, respectively. This concept plan will be used in to incorporate innovative landscaping and detention/water quality ideas into the Phase II plans.

LAC will initiate a design-level JULIE locate and send coordination letters to all utility companies within the corridor. Also, LAC will send coordination letters to all school districts, police departments, fire districts, post offices, etc. Proof of coordination and response letters (or documentation of attempts at getting a response) are required by the Bureau of Local Roads in the Corridor Design Report.

- 4. Crash and Safety Analysis LAC understand that there is crash data available, however, there is no analysis or write-up contained in the CDR or its appendices. LAC will review crash data and perform a crash analysis for the entire corridor for purposes of meeting this CDR requirement. LAC has included no effort to make geometric changes to address any finding from the crash analysis. This task assumes that KDOT will provide LAC with crash plots generated by the County.
- 5. Drainage Studies LAC understands that the original Phase I drainage sub-consultant has agreed to advance the Location Drainage Study to a "Concept Level Design Approval". LAC has reviewed the condition of the LDS and feels that while effective coordination with IDOT regarding the tributary areas to the State Route may be granted, it will still be necessary to advance this to a higher level of completion to ensure that Section A is being designed towards a feasible proposed plan that is in accordance with the current Kane County Storm water Ordinance requirements and any design changes due to profile modifications, interim/ultimate construction strategies, etc.

LAC will analyze Section A's existing drainage system to verify its accuracy. We will also revisit the proposed drainage systems to determine if more efficient, cost effective alternates are available. Revisions to both will be completed for use in the Phase II plans. Any revisions that might result in changes to the proposed right-of-way will be determined as early in the project as possible.

6. Environmental Data Coordination, Inventory and Analysis – LAC will respond to all survey clearance inquiries from the update submitted by KDOT to IDOT and the various resource agencies in December 2012. LAC will make the necessary revision to the CDR to reflect all new ESRF findings and the corridor-wide environmental work being performed by the Section C Design Consultant.

Section 4(f) – LAC will review the project documentation to date relative to impacts to all publicly owned lands. LAC understands that a Brunner Forest Preserve tract has been deeded over the KDOT for highway purposes. In addition, there are publicly owned parcels along the east bank of the Fox River which houses the footprint for the Fox River Trail. LAC will finalize any coordination with the Kane County Forest Preserve and Dundee Park District to document concurrence or a de minimis finding.

Tree Survey - LAC will conduct a stem-by-stem tree survey identifying the tree type, diameter, health, structure of each tree within the Longmeadow Parkway corridor for Sections A, B, C, and



D. In densely wooded areas, LAC will conduct a transect tree survey. If acceptable to Kane County, each tree will be tagged with an aluminum tag, stamped with a unique identification number. Each tree will then be located with GPS.

All landscape trees will be inventoried. Volunteer trees that are 6 inches or greater in diameter will be inventoried. Landscape trees are trees that have been planted for landscape purposes. A volunteer tree indicates that the tree was not planted by human hands but sprouted from seeds placed on the ground by natural causes or accidental transport. Tree types will be identified to both genus and species level. The diameter of each tree will be measured at breast height and recorded in inches. Health refers to the overall condition of the tree, specifically the vigor and productivity of the tree. Signs of disease, insects, presence of fungus, dead wood, or holes on the main trunk, and leaf condition are all considered when evaluating the health of the tree. In addition, bark damage, cankers, and twig development are also used when evaluating the health of a tree. Structure refers to the branching patterns and normal shaping pattern of the tree. Missing or cut branches are considered when evaluating the structure of a tree. Ash trees will be evaluated for signs of Emerald Ash Borer (EAB) infestation, including what stage the infestation is at and what risk factors are present. This information may then be utilized to prioritize management activities.

The tree inventory will include a dataset of all information collected during the survey and summarized in a memorandum.

LAC will prepare the wetland impact evaluations (WIE) for the Longmeadow Corridor based on the wetland impacts of each section. This is part of the ESR process in Phase I and needs to be submitted to the Bureau of Local Roads electronically. The submittal includes the WIE form as well as an exhibit showing the entire wetland and this project's impacts to the wetland. These are now required for each wetland, even if there are no impacts to that site or the site is not considered a wetland.

COSIM Update - LAC will prepare the worksheets required to update the Air Quality Carbon Monoxide Screen for Signalized Intersections (COSIM) Analysis for submittal to IDOT for all four sections.

- 7. Geometric Studies and Intersection Design Studies (IDS) LAC understands that KDOT strategy to pursue design approval based on the current proposed geometry (the ultimate design) since the ultimate solution will accomplish the purpose and need identified in the EIS. After design approval is obtained, LAC understands that each Design Section Consultant is responsible for any and all geometric improvements resulting from a reduced scope or other design changes. LAC will fully coordinate the interim IDS production (in Section A), submittal and revisions under a separate task. This task involves the following:
 - Ultimate IDS for Longmeadow Parkway and Huntley/Boyer Road. We anticipate review comments from the Bureau of Local Roads for this intersection the first time the ultimate IDS is submitted, as no previous comments have been found to date. This task is to respond to those comments and get the ultimate IDS to design approval quality.
 - Ultimate IDS for Longmeadow Parkway and Randall Road. We anticipate review comments from the Bureau of Local Roads for this intersection the first time the ultimate IDS is submitted, as no previous comments have been found to date. This task is to respond to those comments and get the ultimate IDS to design approval quality.
 - Update horizontal alignment and vertical profile in Section A along with any geometric changes this update requires.
 - Update plan and profile drawings.
 - Complete Streets analysis and documentation on State Routes



- 8. Traffic Management Analysis (TMA) LAC understand that there is no analysis or write-up contained in the CDR or its appendices regarding a TMA. This work is required under Chapter 13 of the BDE Manual for impacts to any significant routes. Illinois Routes 25, 31 and 62 are each considered significant routes. LAC will review any available write-up or analysis within the Phase I data and validate the plan and/or any changes necessary for the proposed stage construction of the roadway elements. No scope is included for evaluating the stage construction of structural elements within the corridor. For purposes of coordinating the staging of the project in and around the Illinois Routes 25, 31 and 62, LAC will provide a determination of Work Zone Safety and Mobility Goals per IDOT requirements. The CDR will include the required documentation per the Work Zone Safety and Mobility Goals only; no detailed maintenance of traffic will be done in Phase I.
- 9. Corridor Design Report (CDR) –LAC will prepare a preliminary and final Phase I estimate of cost for the entire corridor.

LAC will edit, revise, and amend the current draft CDR with information, analysis, and documentation updates as obtained from tasks 1 through 8. Review expectations and schedules will be determined during the kick-off meeting, so there should be no surprises when the draft CDR is submitted to the Bureau of Local Roads for review. LAC will address all comments made on the draft CDR from KDOT and IDOT.

After addressing all final comments to the CDR, LAC will prepare the final version in hardcopy and PDF format for KDOT and IDOT and submit to IDOT for design approval.

- 10. Phase I Addendum LAC will prepare an addendum to the CDR to document the changes to any critical elements as required by IDOT BLR&S Manual. This work is expected to include the following:
 - Update the IDSs for Longmeadow Parkway and Huntley/Boyer Road and Randall Road to incorporate any geometric, horizontal, or vertical profile changes made by the Phase II team. This also includes completing an interim IDS for a reduced scope of work on Longmeadow Parkway.
 - Update the plan and profile sheets based on any geometric, horizontal, or vertical profile changes made by the Phase II team.
 - Technical memorandum summarizing the design changes to be an addendum to the CDR. Exhibits for this memorandum include the IDSs and plan and profile sheets. We do not anticipate any updates to the crash data to be necessary.
 - We will review each IDS for accuracy and completeness and coordinate the submittal of the IDS's for all 4 sections of Longmeadow Parkway to IDOT to obtain approval. LAC will also review and obtain approval of the plan and profile sheets for incorporation into the technical memorandum.
 - Corridor Coordination (4 municipal meetings)



PHASE II TASKS

Prior to commencing Phase II design, LAC will provide KDOT with an analysis of interim versus ultimate conditions and provide KDOT with a recommended Phase II scope of work. This analysis will consist of schematic geometry and a concept level estimate of probable cost. KDOT will provide LAC with a decision of either the ultimate scope of work or a reduced scope of work. LAC will then start preparing one set of contract documents for all of the proposed roadway improvements in Longmeadow Parkway Section A for the recommended scope of work. Depending on funding availability, commitments to stakeholders, etc., LAC and the other corridor designers may later be asked stop work on this all-inclusive roadway contract and convert selected construction tasks into an advance contract for grading, tree removal, storm sewer, etc. The construction tasks will be separated into two separate contracts. P,S & E will be completed for both the advance contract and the remainder of the Section A work.

11. Phase II Work - Part 1

LAC will prepare plans, specifications, and estimates for an all-inclusive roadway contract for Section A of Longmeadow Parkway. This effort assumes plans reflecting the scope provided by KDOT, either ultimate or reduced. A description of the plan sheets/sections to be prepared is as follows. Please refer to the attached **Phase II Man-hour Estimate 1** for additional details.

Cover Sheet

A cover sheet will be prepared in the style of IDOT District 1. The sheet will include the title and scope of the project, a small scale location map showing the location of the project within the state, a larger scale map showing the location in detail with limits, drawing scales, and signature seal blocks. The cover sheet will not be signed and sealed until delivery of the final plans.

Index of Sheets and KDOT/IDOT Standard Drawings

A sheet will be prepared which will contain the index of sheets and a list of applicable highway standards. The sheet index will be updated throughout the course of design development and finalized with the final plans. Various IDOT State Highway Standards will be listed as applicable for the construction of the project but not included within the plan set. Additional IDOT District 1 and Kane County details and standards will be included as necessary.

General Notes

Sheets will be prepared which will contain the General Notes for construction. General Notes for construction will be compiled from standard IDOT District 1 and KDOT General Notes.

Progress Schedule Sheet (and Estimate of Time document)

Progress Schedule sheets and an Estimate of Time will be prepared using form BD 220. The Estimate of Time will be submitted after the pre-final document submittal.

Summary of Quantities

Several sheets titled Summary of Quantities listing all the pay items and their respective quantities for the project will be developed. The Summary of Quantities will be prepared in tabular format listing whether the item is a specialty item, the pay item codes, the unit of measurement, the quantity, and the funding breakdowns as supplied by Kane County or IDOT. The pay items will be listed every other line to allow room for revisions as part of record drawing generation.



Schedule of Quantities

LAC will provide a tabular breakdown of major items within the contract Section A. Schedules will be developed calling out locations and quantities of items, including drainage, lighting, removal, earth excavation and fill, temporary pavement, shoulders, paving materials (prime and seal), concrete median surface, signage, slope protection measures, tree removal, improved subgrade, etc.

Utility Matrix

This sheet will document the adjacent utilities in terms of contact information, conflict status, etc.

Alignment, Ties (corridor wide), and Benchmarks

Alignment sheets will be provided for ENTIRE CORRIDOR to show the horizontal alignment, existing benchmarks, and reference ties. The scale will be at 1:500. The survey data will be prepared in the Illinois State Plane coordinate system.

Typical Sections

LAC will provide sheets with existing and proposed typical cross sections covering the entire project. Special sections will be provided for any superelevated sections. A legend will be provided on all sheets. Details and dimensions provided for roadway pavement, surrounding grounds beyond the curb and gutter, and the right of way will be shown for each typical section. Pavement composition will also be provided.

Maintenance of Traffic (General Notes, Sequence of Construction, Typical Sections, and Plans)

The maintenance of traffic sheets will be developed to show the staging of construction and traffic control for Longmeadow Parkway from the west limit to just east of Randall Road. Plans will be developed based on the maintenance of traffic concept and using IDOT Highway Standards as a guide. The plans will show all pertinent lane transitions, drops, adds, pavement markings, limits of construction, and other pertinent data with stations and dimensions. MOT plan sheets are not anticipated to be needed in the farm field between Huntley/Boyer and Randall Roads. Additional sheets showing typical sections for each stage and providing general notes for traffic control will be included. Details will be developed for specific conditions not covered by standard details. The plans will be presented at 1"=50' scale.

Removal Sheets

These sheets will document the removal items along the corridor. By removing these notes from various proposed plan sheet sections such as the plan and profile sheets, those other proposed plan sheet sections will be clearer.

Roadway Construction Details

Any required roadway construction details will be included as necessary for the project.

Plan and Profile Sheets

Plan and profile sheets will be prepared in accordance with the provisions of the IDOT BDE Manual. Longmeadow Parkway will be presented in standard plan and profile format, the existing and proposed conditions for the horizontal geometry and existing topography shown in the same window in the upper half of the sheet, the roadway profile in the lower half. All applicable notes and callouts will be shown, but coordinated through the various sheets to prevent duplication of information, e.g. specific geometry at the Longmeadow Parkway/Randall Road intersection and the Huntley-Boyer/Longmeadow intersection that is shown in the intersection details will



not be presented. Quantities will not be shown on these sheets if scheduled elsewhere. Drainage, pavement markings, erosion control, landscaping, etc. will not be shown.

Pavement Joints and Elevations Sheets (vertical)

Plan sheets will be prepared for the two intersections in Section A. These sheets will provide precise vertical geometric call-outs and labels necessary for construction.

Pavement Marking and Signing Sheets

Pavement marking plans will be laid out according to IDOT and MUTCD guidelines. The plan sheets will show size, color, and length of the permanent pavement striping. Lane widths and stations for all break points will be shown. The pavement marking sheets will be presented at 1"=50' scale. Details from IDOT District 1 and Kane County will be incorporated as appropriate. Additional details will be created as necessary. This design will be presented on the same sheets as the proposed signing.

LAC will design all of the proposed signing, and it will be included on the same sheets as the proposed pavement markings. Signing associated with the traffic signals at Huntley/Boyer and Randall Roads will be installed by the contractor and quantified for payment accordingly. All other signing will be installed by KDOT, labeled on the plans as "by others", and not quantified for payment. This procedure originates from a recent KDOT lesson learned. The station and offset for all signs will be shown. Additional sign details will be included, and a schedule of the signs will be prepared. It is anticipated that no overhead signs will be required and that all signs will be ground or pole mounted. All signing will be designed in accordance with KDOT and IDOT standards.

Intersection Details (horizontal)

Plan sheets will be prepared for the two intersections in Section A. These sheets will provide precise horizontal geometric call-outs and labels necessary for construction. Lane widths, ends of curb, tangents, tapers, radii, and all other changes in horizontal geometry will be labeled. Elevations and grades will not be provided.

Temporary Erosion and Sediment Control Sheets

Separate temporary erosion control plans will be prepared for any MOT stage that requires temporary erosion control measures.

Drainage Construction Details (control structures)

Any required drainage construction details will be included as necessary for the project.

Drainage and Utilities Sheets

LAC will prepare drainage and utilities sheets that reflect the scope provided by KDOT, either ultimate or reduced. LAC anticipates an urban section east of Randall Road, therefore, inlet spacing will be determined and design of storm sewers with shallow swales will be performed. The drainage design and contract plans will be prepared to comply with requirements as described in the Kane County Stormwater Ordinance. Drainage calculations will be prepared. Utilities will be located, evaluated, and any coordination and modifications will be noted to KDOT. It is assumed that no utility modifications will be included within these plans. The tasks include inlet spacing, storm sewer, and ditch calculations.



Permanent Erosion and Control Sheets

Erosion and sediment control sheets will be developed based on the drainage design. The location of inlet protections, outlet protections, silt fence, sedimentation basins, temporary construction entrances, riprap, or other items will be shown and details provided. A Stormwater Pollution Prevention Plan will be developed as required by IEPA/NPDES. The erosion control will be prepared in accordance with the Kane County Soil and Water Conservation District, KDOT, IDOT and IEPA standards using the National Resource Conservation Service details. If necessary, sedimentation basins will be sized appropriately to handle the upstream flow and expected sedimentation.

Grading Sheets (stormwater detention)

LAC anticipates the need for grading sheets for two (2) detention ponds.

Landscaping Construction Details

Details will be prepared for all plantings except for area of mass seeding, sodding, and other general ground cover.

Landscaping Sheets

Permanent landscaping information will be designed and presented on 50 scale sheets. Seeding, sodding, permanent riprap, trees, and other appropriate landscape elements will be shown and the limits defined.

Traffic Signal Design (includes 10 specific types of sheets)

Traffic signal plans will be developed for the modification of the traffic signals at Huntley/Boyer Road and the installation of traffic signals at Randall Road. The traffic signal plans will be in accordance with IDOT and Kane County Standards. Details and quantity schedules will be provided as necessary.

Lighting Construction Details

Any required lighting construction details will be included as necessary for the project.

Lighting Sheets (beacon lighting at 2 intersections)

Beacon lighting design will be provided at the Longmeadow Parkway intersections with Huntley/Boyer and Randall Roads.

Soil Boring Logs

Any useful geotechnical data will be included.

IDOT District One Details

IDOT District One details and KDOT details will be inserted into the plan set and modified as necessary for this project.

Cross-Sections

Cross sections will be cut from beyond proposed right of way (ROW) to beyond proposed ROW for Longmeadow Parkway every 50'. Cross sections will be cut from beyond proposed ROW to beyond proposed ROW (as needed) for Randall Road and Huntley Boyer every 50'. Cross sections will show the complete pavement section, the bike path, storm sewer and other pertinent utilities, proposed embankment, proposed and existing topsoil, and the existing pavement sections. Earthwork quantities for excavation and embankment will be shown for each cross-section and tabulated in the Schedule of Quantities. The number of anticipated cross sections is 260 for Longmeadow Parkway, Randall Road and Huntley Boyer Roads for the Section A contract. The advance work contract anticipates 180 cross sections will be required.



12. Phase II Work - Part 2

Quantity Calculations

Quantities will be calculated for all pay items including removals, pavement, drainage, pavement marking, erosion control, signals, lighting, landscaping, signage, and earthwork. Earthwork will be calculated and tabulated in standard IDOT fashion showing excavation, embankment, embankment adjusted for shrinkage, removal of unsuitable material, etc., presented for each station and for each stage. Quantity calculations will be made on 8-1/2"x11" sheets in legible format and provided to KDOT prior to construction.

Engineer's Estimate

The Engineer's Estimate will be prepared at each submittal based on the Summary of Quantities, current local market unit costs, and the risk-based unit costs from Phase I. An appropriate contingency factor for each the level of submittal will be applied.

Special Provisions

Special provisions will be prepared for items not covered in the Standard Specifications or requiring unique information for construction. IDOT District One Recurring, Local Roads, Supplemental, and BDE Special Provisions check sheets will be completed and presented with the special provisions.

13. Phase II Work - Part 3

Depending on funding availability, commitments to stakeholders, etc., LAC and the other corridor designers may later be asked stop work on this all-inclusive roadway contract and convert selected construction tasks it into an advance contract for grading, tree removal, storm sewer, etc. A description of the plan sheets/sections to be prepared can be found on the attached **Phase II Manhour Estimate 2**. This work effort is to change plan sheets into a different contract. Additionally, because this man-hour estimate was derived from the man-hour estimate for the all-inclusive roadway contract, please refer to descriptions of the plan sheets/sections in Task 11 above for additional details. The scope of work effort the complete each sheet for the remainder of the work is in above Task 11.

14. Phase II Work - Part 4

Pavement Design

Pavement design will be performed for Section A of Longmeadow Parkway based on the recommendations from the geotechnical investigations. Mechanistic pavement design methodology will be used for Longmeadow Parkway. A life cycle cost analysis will be submitted to KDOT for review. Upon KDOT review of these analyses corridor wide, KDOT will make a determination whether concrete or asphalt will be used. It is anticipated that Randall Road will be widened and resurfaced. Therefore, a pavement design is not required for Randall Road.

Address and Dispose of Comments - Preliminary

LAC will compile, inventory, and respond to comments received from KDOT, IDOT, and any other reviewing stakeholders. This scope of work includes only the effort required to review the comments and prepare the dispositions. It does not include the effort required to revise the plans and special provisions.

Address and Dispose of Comments – Pre-final See detail for Preliminary Response above



Address and Dispose of Comments - Final

See detail for Preliminary Response above

Coordination with 10 Utilities and Local Agencies

LAC will send 60% drawings to utilities and local agencies for their review. Upon receipt of the markups or utility atlases, LAC will incorporate the utility information and determine impacts, noting potential relocations, removals, or conflicts to be avoided. LAC will present the findings to KDOT prior to submittal of 90% documents by marking up the plans with the recommended action for each utility conflict. LAC will not prepare a separate set of utility relocation contract documents.

Permitting

ACOE Wetland Permit Submittal / Corridor- wide Wetland Boundary Surveys - LAC will assist the Section C Consultant in the ACOE permit submittal by providing proposed wetland impacts, if applicable for Section A. While the Section C consultant is delineating the wetlands and preparing the reports and permits for all four sections, LAC will work in conjunction and provide survey coordinates for delineated wetlands for all four contract sections.

LAC will assist the Section C Consultant in the KDSCWD permit submittal by providing the soil and erosion control plans for Section A. In accordance with the RFP which states that the Section C consultant will be preparing the KDSWCD permit application, LAC's effort will include addressing any comments by the KDSCWD on the soil and erosion control plans and revising the plans as necessary for Section A.

15. Value Engineering

LAC's value engineering team will participate in a corridor wide value engineering study. The anticipated effort is 6 days of meetings (at 8 hours per day) for 4 LAC staff members. This scope of work does not include providing a written report unless perform during the anticipated 6 days of meetings. This effort will include LAC's Certified Value Engineers and other senior engineers.

16. Pavement and Soils Interpretation

LAC will review the available geotechnical documentation and any new geotechnical documentation initiated by the Longmeadow Section C Design consultant team. LAC will review all of the documentation to insure suitability of soil for structural support and detention purposes.

17. Quality Assurance, Project Administration

This task involves project management and coordination, scheduling and budgeting resources, preparation of invoices, progress reports, meeting minutes and phone logs. Phone logs and progress reports will be submitted on a monthly basis with critical phone logs submitted immediately via email. Also included is the review of subconsultant progress reports, invoices, and coordination with IDOT and the subconsultant.



LAC will utilize a QA lead to implement and document QC reviews of preliminary engineering submittals and the draft and final Corridor Design Report. QC reviews will also be conducted for the Phase II plans specifications and estimates at the preliminary, pre-final, and final submittal levels. This item covers project Quality Assurance Review and disposition of comments as well as review of all disciplines for constructability and discrepancies during development of the plans.

18. Land Acquisition Services

LAC will prepare Plat of Highways and legal descriptions for up to 5 various parcels. Plat of Highways and legal descriptions will be in accordance with IDOT standards, Kane County "Plats of Dedication" checklist, and Illinois statutes. We will set 5/8" rebar with KDOT aluminum cap bearing the surveyor's license number at all proposed right-of-way corners, all permanent easement corners, and at the intersection of all property lines with the proposed right-or-way or permanent easement.

LAC will also "revise" up to 30 plats and legal descriptions prepared by EEI. These plats will also be prepared according to the above standards, and as such, the LAC team will verify all existing boundaries and rights-of-way, as well as all proposed lines and area calculations. These revised/updated plats will be signed and sealed by a LAC Professional Land Surveyor.

KDOT will provide EEI survey files, title commitments, subdivision plats, and any available existing right-of-way plats.

LAC's written scope of services also includes the written scope of services of all sub consultants to LAC contained herein and after.



<u>Task</u>	<u>Description</u>	<u>Hours</u>	Direct Costs
1.	Data Collection		
a.	Online- ADT on IDOT website, Land Use, Zoning, School, Park, Fire and Sanitary		
	Districts, etc.	16	
b.	Field trips to project site	96	\$ 169.50
C.	Data Review / ROW Footprint Evaluation / CDR Review		
	Drainage	40	
	IDS / Capacity Analysis	24	
	Geometry	20	
	CADD	60	
	Environment / EIS - detailed study of the Noise report and noise program to		
	determine the feasibility of altering the alignment	96	
	Structural - preparation for VE participation	16	
	CDR	80	
	Correspondence	40	
	Subtotal Task 1 =	488	\$ 169.50
2 1	Field Survey and Alignment		
2. I	Set-up Phase:		
a.		60	¢.
	Collect and verify existing survey data Coordinate with other consultants for pickup survey	60	
	Verify, supplement and maintain horizontal control (curve	24	.
	V: 11	160	¢.
	corrections) (1 man crew)	160	
	Level circuit, establish and maintain benchmarks (2 man crew)	160	-
	Establish alignments and stationing (staking and ties PCs	56	œ.
	and PTs of the centerline) (1 man crew)		\$ -
	Tie diagrams for control points and centerlines		\$ -
b.	Topography Phase		\$ 1,695.00
	Pickup survey as required (50' x-sections, minimum of 15' beyond		
	proposed ROW), including cross-streets, driveways and wetlands pickup (2 1-man crews @ 8 hrs @18 days)	288	c
	, ,,		ъ \$-
	Stream survey as required (2 man crew) Manhole inspections including inverts and pipe sizes (2 man crew)		• - \$ -
_			т \$-
C.	Drafting Revealed history and incorporate with existing data. Create		Ф -
	Download pickup survey and incorporate with existing data. Create DTM file.	160	œ
d.	Final Product	160	\$ -
u.	Provide CD of project files	8	• - \$ -
	Provide CD of project lifes Provide finished field books with all pertinent information	8	φ -
-	Frovide illipated field books with all pertilient illiorifiation		
	Subtotal Task 2 =	1124	\$ 1,695.00

<u>Task</u>	<u>Description</u>	<u>Hours</u>		Direct Costs
3. (Coordination and Meetings			
a.	Attend kick-off meeting at IDOT with IDOT and County staff. Prepare and			. ,
	circulate minutes of meeting.	20		45.20
b.	Stakeholder Risk Workshop (PM, E1 Lead)		\$	-
	One 8-hour meeting for Sections A, B, C and D (6 ppl)	48		
	One 4-hour meeting for external stakeholders Minutes, Action Plan and Risk Log	30	\$	90.40
C.	Prepare for and attend three (3) FHWA/IDOT coordination meetings over the	30	Ф	360.00
U.	course of the project to present and discuss project. Prepare and circulate			
	meeting minutes. (3 ppl @ 6 hrs each)	54	\$	135.60
d.	Attend three (3) meetings with Geometric Studies Unit of Programming; one to	0-1	•	100.00
-	reintroduce the project and determine review standards, one to go over review	•		
	comments and one to discuss design changes after Design Approval. Prepare			
	and circulate minutes. (3 ppl @ 6 hrs each)			
		54	\$	135.60
e.	Prepare for and attend 20 corridor coordination meetings with County staff			
	through the duration of the project. Prepare and circulate meeting minutes.			
		360	\$	904.00
f.	Prepare for and attend meetings with outside agencies (assume 4 agencies at 1			
	meeting each)	72		-
g.	Coordination with Huddleston McBride for field tile survey.	8	\$	-
h.	Coordination with Altamanu Inc. for Phase I landscape design tasks (Items 1 to 5	40	•	
i.	of Altamanu proposal) Design-level JULIE locate and coordination letters to all utility companies within	16	Ф	-
1.	the corridor. Also send coordination letters to all local school districts, police			
	departments, fire districts, post offices, etc. Includes follow-up time for			
	documentation of responses from utilities and agencies.			
	·	40	\$	-
				-
	Subtotal Task 3 =	710		1,670.80
	Subtotal Task 3 =	710		1,670.80
a.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data)	710		1,670.80
a. b.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR	710		1,670.80
a.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data)	710 14 28		1,670.80
a. b.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams)	710 14 28 6	\$	1,670.80
a. b.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR	710 14 28	\$	1,670.80
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Orainage Studies	710 14 28 6	\$	1,670.80
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Orainage Studies Existing Drainage System	710 14 28 6 48	\$	1,670.80
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Oralinage Studies Existing Drainage System General Location Drainage Map	710 14 28 6 48	\$	- 1,670.80 - -
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Drainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan	710 14 28 6 48	\$ \$ \$	- 1,670.80 - - -
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Oralinage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems	710 14 28 6 48 8 80 40	\$ \$ \$ \$	- 1,670.80 - - - -
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Drainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains	710 14 28 6 48 8 80 40 4	\$ \$ \$ \$ \$	- 1,670.80
a. b. c. 5. I	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Drainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features	710 14 28 6 48 8 80 40	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 1,670.80 - - - - -
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Orainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System	710 14 28 6 48 8 80 40 40	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 1,670.80 - - - - - - -
a. b. c. 5. I	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Oralnage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria	710 14 28 6 48 8 80 40 4 40 8	\$ \$\$\$\$\$\$\$\$\$\$\$	- 1,670.80
a. b. c. 5. I	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Drainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria Outlet Evaluation	710 14 28 6 48 8 80 40 4 40 8 40	\$ \$\$\$\$\$\$\$\$\$\$\$	- 1,670.80
a. b. c. 5. I	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Drainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria Outlet Evaluation Stormwater Detention Analysis	710 14 28 6 48 8 80 40 4 40 8 80 80	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 1,670.80
a. b. c. 5. I	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Drainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis	710 14 28 6 48 8 80 40 40 8 40 80 60	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 1,670.80
a. b. c.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Orainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Alternates	710 14 28 6 48 8 80 40 4 40 80 60 60 40	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 1,670.80
a. b. c. 5. l	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Orainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Alternates USACOE, Local & Other Agency Coordination	8 8 80 40 40 80 60 40 40 40	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 1,670.80
a. b. c. 5. I a. b.	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Drainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Alternates USACOE, Local & Other Agency Coordination Proposed Drainage Plan	8 8 80 40 40 80 60 40 40 40 0	* * * * * * * * * * * * * * * * * * * *	- 1,670.80
a. b. c. 5. l	Subtotal Task 3 = Crash and Safety Analysis (for the CDR) Review crash data and tabulate (for 5 years of data) Write analysis for CDR Prepare crash exhibits (as applicable - typically just need crash diagrams) Subtotal Task 4 = Orainage Studies Existing Drainage System General Location Drainage Map Existing Drainage Plan Identified Drainage Problems Identified Base Floodplains Major Drainage Features Proposed Drainage System Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Alternates USACOE, Local & Other Agency Coordination	8 8 80 40 40 80 60 40 40 40 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 1,670.80

<u>Task</u>	<u>Description</u>	<u>Hours</u>	Direct Costs
6. I	Environmental Studies		
a.	Complete Section 4(f) de minimus report for Kane County Forest Preserve and		
	Dundee Park District (includes coordination and meetings)	70	¢.
b.	Prepare Preliminary Environmental Site Assessment for special waste.	72	a -
		12	\$ -
C.	Prepare wetland impact evaluations based on wetland impacts of each section		
d.	Prepare tree survey and report.	22 850	•
е.	Complete COSIM worksheets updates for all four sections	16	•
	Subtotal Task 6 =	972	\$ 3,051.00
'. I	ntersection Design Studies and Geometric Studies		
a.	Revise Ultimate Intersection Design Studies for Huntley/Boyer intersection per		
	review comments	40	\$ -
b.	Revise Ultimate Intersection Design Studies for Randall Road intersection per review comments	20	œ
C.	Update horizontal alignment and vertical profile in Section A along with any	20	-
-	geometric changes this update requires.	40	\$ -
ď.	Update plan and profile drawings.	40	•
e. f.	Review IDS submittals (State Route only) from Sections B and D	12	•
т	Complete Streets Add-ins on State Routes	24	
	Subtotal Task 7 =	176	\$ -
	raffic Maintenance Analysis		A.
a. b.	Determination of traffic maintenance	36	Ъ -
	Determination of Work Zone Safety and Mobility Goals for the State routes.	4	\$
	Subtotal Task 8 =	40	\$ -
. F	Project Report		
a.	Prepare a preliminary and final Phase I estimate of cost for the project.	80	
b.	Corridor Design Report (CDR)	00	
	Prepare and submit a draft CDR to the County and IDOT.	168	
	Update the draft CDR in response to the County and IDOT review comments.	40	
	Prepare and submit the final CDR to the County and IDOT for review and	24	\$ 600.00
	approval.		
	Subtotal Task 9 =	312	\$ 600.00
	Phase I Addendum		
a.	IDS updates (also provide Interim IDSs) and resubmittals (some work done by other sections)	176	
b.	Plan and profile updates and resubmittals (some work done by other sections	56	
c.	Technical memoradum summarizing the design changes to be an addendum to CDR	40	
d.	Corridor Coordination and Review (other sections)	64	\$ <u>-</u>
	Subtotal Task 10 =	336	.

<u>Task</u>	Description	Hours	Direct Costs
11.	Phase II Work - Part 1 (see Phase II Man-hour Estimate 1 for details)		
a		16	
<u>b</u>	. Roadway Contract Sheet Work	4478	\$ 600.00
	Subtotal Task 11 =	4494	\$ 600.00
	Cuntotal lask it -	4434	\$ 000.00
12.	Phase II Work - Part 2 (see Phase II Man-hour Estimate 1 for details)		
a	· · · · · · · · · · · · · · · · · · ·	140	
	0	80 200	\$ -
	· · · · · · · · · · · · · · · · · · ·		•
	Subtotal Task 12 =	420	\$ -
13.	Phase II Work - Part 3 (see Phase II Man-hour Estimate 2 for details)		
а	. Advance Contract Work (grading, tree removal, storm sewer)	474	\$ 156.00
	0.14.4.7		
	Subtotal Task 13 =	474	\$ 156.00
14.	Phase II Work - Part 4 (see Phase II Man-hour Estimate 1 for details)		
а		32	•
b	· · · · · · · · · · · · · · · · · · ·	80	
d	** * * * * * * * * * * * * * * * * * *	60	
e		40 40	
1		24	•
g	,	16	
	Valuation (
	Subtotal Task 14 =	292	\$ 90.40
15.	Value Engineering		
<u>то.</u>		192	\$ 927.00
	Subtotal Task 15 =	192	\$ 927.00
16.	Pavement and Soils Interpretation		
10.		40	s -
	Subtotal Task 16 =	40	\$-
47	Quality Assurance Project Administration		
17.	Quality Assurance, Project Administration QA/QC for Phase I (Draft CDR and Final CDR)	64	•
b		88	•
c	· · · · · · · · · · · · · · · · · · ·	24	•
d		450	\$ 200.00
	Subtotal Task 17 =	626	\$ 200.00
18.	Land Acquisition Services		
<u>то.</u>		127	\$ -
b			
	prepared by EEI, Inc.	_442	\$
	Subtotal Task 18 =	-	¢
	Subtotal lask 16 =	569	•
	Phase I and II Engineering hours =	11,761	\$ 9,159.70

Longmeadow Parkway, Section A
Phase II Man-hour Estimate 1

Document:

(Roadway Contract)

Revised:

Tuesday, May 28, 2013

Ву:

Longmeadow Alliance Consultants (LAC), a Joint Venture

1) Hampton, Lenzini and Renwick, Inc.

2) Thomas Engineering Group, LLC

SHEET WORK

Plan Sheet	Plan Sheet	Number of	Hours Per	Total
Section	Description	Sheets/Sections	Sheet/Section	Hours
1	Cover Sheet	1	8	8
2	Index of Sheets and KDOT/IDOT Standard Drawings	1	8	8
3	General Notes	2	16	32
4	Progress Schedule Sheet (and Estimate of Time document)	2	16	32
5	Summary of Quantities	5	8	40
6	Schedules of Quantities	10	24	240
7	Alignment, Ties (corridor wide), and Benchmarks	20	16	320
8	Typical Sections	8	16	128
9	Maintenance of Traffic General Notes	1	12	12
10	Maintenance of Traffic Sequence of Construction	2	16	32
11	Maintenance of Traffic Typical Sections	10	16	160
12	Maintenance of Traffic Sheets	52	16	832
13	Removal Sheets	9	20	180
14	Roadway Construction Details	5	6	30
15	Plan and Profile Sheets	9	40	360
16	Pavement Joints and Elevations Sheets (vertical)	2	24	48
17	Pavement Marking and Signing Sheets	9	16	144
18	Intersection Details (horizontal)	2	32	64
19	Temporary Erosion and Sediment Control Sheets	9	20	180
20	Drainage Construction Details (control structures)	5	8	40
21	Drainage and Utilities Sheets	9	24	216
22	Permanent Erosion Control Sheets	9	20	180
23	Grading Sheets (stormwater detention)	2	30	60
24	Landscaping Construction Details	4	8	32
25	Landscaping Sheets	9	16	144
26	Traffic Signal Design:	C (ASS)		
i	Temporary Signal Removal Sheet (Huntley/Boyer)	1	24	24
ii	Traffic Signal Modification Sheet (Huntley/Boyer)	1	60	60
iii	Traffic Signal Installation Sheet (Randall)	1	80	80
iv	Cable Diagram (both)	2	20	40
V	Traffic Signal General Notes (both)	2	16	32
vi	Street Name Sign Sheet (both)	2	12	24
vii	Traffic Signal Construction Details (both)	2	16	32
viii	Interconnect Schematic (Randall)	1	20	20
ix	Interconnect Sheet (Randall)	1	20	20
х х	Fiber Termination Diagram (Randall)	1	20	20
27	Lighting Construction Details	2	8	16
28	Lighting Sheets (beacon lighting at 2 intersections)	2	24	48
		10	1	10
	ISoil Boring Logs	10		10
29 30	Soil Boring Logs IDOT District One Details	10	1	10

SHEET WORK Subtotal =

4,478

Longmeadow Parkway, Section A

Document:

Phase II Man-hour Estimate 1

(Roadway Contract)

Revised:

Tuesday, May 28, 2013

Ву:

Longmeadow Alliance Consultants (LAC), a Joint Venture
1) Hampton, Lenzini and Renwick, Inc.
2) Thomas Engineering Group, LLC

NON-SHEET WORK

No	n-sheet	· Non-sheet	Number of	Hours Per	Total
	Task	Description	Occurrences	Task	Hours
1	(14a)	Pavement Design	1	32	32
2	(12a)	Quantity Calculations (80 prelim, 40 pre-final, 20 final)	1	140	140
3	(12b)	Engineer's Estimate (40 prelim, 24 pre-final, 16 final)	1	80	80
4	(12c)	Special Provisions and Bid Documentation (120 pre-final, 80 final)	1	200	200
_ 5	(14b)	Address and Dispose Review Comments - Preliminary	1	80	80
6	(14c)	Address and Dispose Review Comments - Pre-final	1	60	60
7	(14d)	Address and Dispose Review Comments - Final	1	40	40
8	(14e)	Coordination with 10 Utilities and Local Agencies	10	4	40
9	(14f)	Permitting (IEPA, ACOE and KDSWCD assistance)	1	24	24

696

PHASE II MAN-HOUR Total =

5,174

Longmeadow Parkway, Section A

Document:

Phase II Man-hour Estimate 2

(Advance Contract)

Revised:

Tuesday, May 28, 2013

By:

Longmeadow Alliance Consultants (LAC), a Joint Venture

Hampton, Lenzini and Renwick, Inc.
 Thomas Engineering Group, LLC

SHEET WORK

Plan Sheet	Plan Sheet	Number of	Hours Per	Total
Section	Description	Sheets/Sections	Sheet/Section	Hours
1	Cover Sheet	1	2	2
2	Index of Sheets and KDOT/IDOT Standard Drawings	1	. 2	2
3	General Notes	. 2	2	4
4	Progress Schedule Sheet (and Estimate of Time document)	2	4	8
5	Summary of Quantities	2	4	8
6	Schedules of Quantities	4	4	16
7	Alignment, Ties (corridor wide), and Benchmarks	20	0.5	10
8	Typical Sections	8	4	32
9	Maintenance of Traffic General Notes			
10	Maintenance of Traffic Sequence of Construction			
11	Maintenance of Traffic Typical Sections			
12	Maintenance of Traffic Sheets			
13	Removal Sheets			
14	Roadway Construction Details			
15	Plan and Profile Sheets			
16	Pavement Joints and Elevations Sheets (vertical)			
17	Pavement Marking and Signing Sheets			
18	Intersection Details (horizontal)			
19	Temporary Erosion and Sediment Control Sheets	9	4	36
20	Drainage Construction Details (control structures)	5	2	10
21	Drainage and Utilities Sheets	9	4	36
22	Permanent Erosion Control Sheets	9	4	36
23	Grading Sheets (stormwater detention)	9	12	108
24	Landscaping Construction Details			
25	Landscaping Sheets			
26	Traffic Signal Design:	چەر يىسىدە		Part in Alba
i	Temporary Signal Removal Sheet (Huntley/Boyer)			
H	Traffic Signal Modification Sheet (Huntley/Boyer)			
##	Traffic Signal Installation Sheet (Randall)			
iv	Cable Diagram (both)			
¥	Traffic Signal General Notes (both)			
₩i	Street Name Sign Sheet (both)			
₩ii	Traffic Signal Construction Details (both)			
₩iii	Interconnect Schematic (Randall)			
i×	Interconnect Sheet (Randall)			
×	Fiber Termination Diagram (Randall)			
	Lighting Construction Details			
27				
27	Lighting Sheets (beacon lighting at 2 intersections)			
	1. Y.	10	0.1	1
28	Lighting Sheets (beacon lighting at 2 intersections)	10	0.1	1

SHEET WORK Subtotal =

399

Longmeadow Parkway, Section A

Document:

Phase II Man-hour Estimate 2

(Advance Contract)

Revised:

Tuesday, May 28, 2013

Ву:

Longmeadow Alliance Consultants (LAC), a Joint Venture
1) Hampton, Lenzini and Renwick, Inc.
2) Thomas Engineering Group, LLC

NON-SHEET WORK

Non-sheet	Non-sheet	Number of	Hours Per	Total
Task	Description	Occurrences	Task	Hours
1	Pavement Design			
2	Quantity Calculations (15 final)	1	15	15
3	Engineer's Estimate (10 final)	1	10	10
4	Special Provisions (30 final)	1	30	30
5	Address and Dispose Review Comments - Preliminary			
6	Address and Dispose Review Comments - Pre-final	14		
7	Address and Dispose Review Comments - Final	1	20	20
8	Coordination with 10 Utilities and Local Agencies			
9	Permitting (IEPA, ACOE and KDSWCD assistance)			

75

PHASE II MAN-HOUR Total =

474

<u>Task</u>	<u>Description</u>	Direct Costs	<u>Notes</u>
1.	Data Collection		
a. b. c.	Data Collection Online- ADT on IDOT website, Land Use, Zoning, School, Park, Fire and Sanilary Districts, etc. Field trips to project site Data Review / ROW Footprint Evaluation / CDR Review Drainage IDS / Capacity Analysis Geometry CADD Environment / EIS - detailed study of the Noise report and noise program to determine the feasibility of altering the alignment Structural - preparation for VE participation CDR Correspondence	(TYP) ave	veh on 2 trips at \$0.565 x @ 75 miles RT rage RT to/from Longmeadow site is 75 miles
	Subtotal Task 1 Cost Task 1		
	ield Survey and Alignment		
a.	Set-up Phase: Collect and verify existing survey data Coordinate with other consultants for pickup survey Verify, supplement and maintain horizontal control (curve corrections) (1 man crew) Level circuit, establish and maintain benchmarks (2 man crew) Establish alignments and stationing (staking and ties PCs and PTs of the centerdine) (1 man crew) Tie diagrams for control points and centerlines		
b.	Topography Phase		
C.	Pickup survey as required (50' x-sections, minimum of 15' beyond proposed ROW), including cross-streets, driveways and wetlands pickup (2 1-man crews @ 8 hrs @18 days) Stream survey as required (2 man crew) Manhole inspections including inverts and pipe sizes (2 man crew) Drafting	· · ·	0.565 x 30 trips x 2 vehicles @ 50 miles RT rage RT to/from Longmeadow site for majority of surveyors is 50 miles
	Download pickup survey and incorporate with existing data. Create DTM file.	i	
d.	Final Product Provide CD of project files Provide finished field books with all pertinent information		

Subtotal Task 2 = \$1,695.00

Tasi	· · · · · · · · · · · · · · · · · · ·	Direct Costs	<u>Notes</u>
3.	Coordination and Meetings Attend kick-off meeting at IDOT with IDOT and County staff. Prepare and	3.	
а	circulate minutes of meeting.	\$45.20 Mileage - \$0.5	665 x 1trips x 2 vehicles @ 40 miles RT
b		\$45.20 Willeage - \$0.5	305 X Trilps X 2 Verticles (@ 40 Trilles K T
	One 8-hour meeting for Sections A, B, C and D (6 ppl)		
	One 4-hour meeting for external stakeholders	\$90.40 Mileage - \$0.5	65 x 2 trips (days) x 2 vehicles @ 40 miles RT
	Minutes, Action Plan and Risk Log		xhibts - 5 (2"3") boards @ \$12/sf
c		4000100 Za/go 00010 Z	**************************************
	the course of the project to present and discuss project. Prepare and		
	circulate meeting minutes. (3 ppl @ 6 hrs each)	\$135.60 Mileage - \$0.5	i65 x 3 trips x 2 vehicles @ 40 miles RT
d.		*	,
	one to reintroduce the project and determine review standards, one to go		
	over review comments and one to discuss design changes after Design		
	Approval. Prepare and circulate minutes. (3 ppl @ 6 hrs each)		
		\$135.60 Mileage - \$0.5	i65 x 3 trips x 2 vehicles @ 40 miles RT
e.	Prepare for and attend 20 corridor coordination meetings with County staff		-
	through the duration of the project. Prepare and circulate meeting minutes.		
	·	\$904.00 Mileage - \$0.5	i65 x 20 trips x 2 vehicles @ 40 miles RT
. f.	Prepare for and attend meetings with outside agencies (assume 4		
	agencles at 1 meeting each)	\$0.00	
g.		\$0.00 Subconsultant	t - Not a direct Cost
h.	· · · · · · · · · · · · · · · · · · ·		
	1 to 5 of Altamanu proposal)	\$0.00 Subconsultani	t - Not a direct Cost
j.	• • • • • • • • • • • • • • • • • • •		
	within the corridor. Also send coordination letters to all local school	4	
	districts, police departments, fire districts, post offices, etc. Includes follow-		
	up time for documentation of responses from utilities and agencies.	*0.00	
	·	\$0.00	
4	Crash and Safety Analysis (for the CDR)	\$1,670.80	
- 7.	Review crash data and tabulate (for 5 years of data)	\$0.00	
b.		\$0.00	
C.		40.00	
	repair diddi exhibite (as applicable typically just head elast, diagrams)	\$0.00	
		-	
	Subtotal Task 4 =	\$0.00	
	Cost Task 4 =		· ·
5.	Drainage Studies		
a.	Existing Drainage System	** **	
	General Location Drainage Map	\$0.00	
	Existing Drainage Plan	\$0.00	
	Identified Drainage Problems	\$0.00	
	Identified Base Floodplains	\$0.00	
	Major Drainage Features	\$0.00	
b.	Proposed Drainage System		
υ.			
D.	Design Criteria	\$0.00	
υ.	Design Criteria Outlet Evaluation	\$0.00	
υ.	Design Criteria Outlet Evaluation Stormwater Detention Analysis	\$0.00 \$0.00	
D.	Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis	\$0.00 \$0.00 \$0.00	
	Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Alternates	\$0.00 \$0.00 \$0.00 \$0.00	
d.	Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Alternates USACOE, Local & Other Agency Coordination	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
d. e.	Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Atternates USACOE, Local & Other Agency Coordination Proposed Drainage Plan	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
d.	Design Criteria Outlet Evaluation Stormwater Detention Analysis Right-of-way Analysis Drainage Atternates USACOE, Local & Other Agency Coordination Proposed Drainage Plan	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	

Subtotal Task 5 = \$0.00

Task	<u>Description</u>	Direct Costs	1	<u>Notes</u>	
6. E	Environmental Studies				
a.	Complete Section 4(f) de minimus report for Kane County Forest Preserve				
	and Dundee Park District (includes coordination and meetings)				
	•	\$0.00			
b.	Prepare Preliminary Environmental Site Assessment for special waste.				
		\$0.00			
C.	Prepare wetland impact evaluations based on wetland impacts of each				
	section	\$3,051.00 3	ol @ 36 days w 2 vi	hicles @ 75 mi RT	
d.	Prepare tree survey and report.	\$0.00 (T	P) field crew will utli	ze 2 vehicles for effciency/safety	
е.	Complete COSIM worksheets updates for all four sections	\$0.00			
	Subtotal Task 6 =	\$3,051.00			
7 1		***************************************			
7. II	ntersection Design Studies and Geometric Studies Revise Ultimate Intersection Design Studies for Huntley/Boyer intersection	\$0.00	1		
a. b.		\$0.00			
D.	Revise Ultimate Intersection Design Studies for Randall Road intersection per review comments	¢n no			
C.	Update horizontal alignment and vertical profile in Section A along with any	\$0.00			
u.	geometric changes this update requires.	\$0.00			
d.	Update plan and profile drawings.	\$0.00			
е.	Review IDS submittals (State Route only) from Sections B and D	\$0.00			
f.	Complete Streets Add-ins on State Routes	\$0.00			
	Complete Streets Add-IIS Of State Noutes	φυ.υυ	1	-	
	Subtotal Task 7 =	\$0.00	•		
_					
	raffic Maintenance Analysis				
a.	Determination of traffic maintenance	\$0.00			
b.	Determination of Work Zone Safety and Mobility Goals for the State routes.	\$0.00			
		\$0.00			
	Subtotal Task 8 =	\$0.00			
9. P	roject Report				
a.	Prepare a preliminary and final Phase I estimate of cost for the project.				
		\$0.00			
b.	Corridor Design Report (CDR)		1		
	Prepare and submit a draft CDR to the County and IDOT.	\$0.00	•		
	Update the draft CDR in response to the County and IDOT review				
	comments.	\$0.00			
	Prepare and submit the final CDR to the County and IDOT for review				
	and approval.	\$600.00 60	oies of printed CDR	at \$100 ea.	
	Subtotal Task 9 =	\$600.00			
			i		
10. P	hase I Addendum				
a.	IDS updates (also provide Interim IDSs) and resubmittals (some work done				
	by other sections)	\$0.00			
b.	Plan and profile updates and resubmittals (some work done by other				
	sections				
C.	Technical memoradum summarizing the design changes to be an	\$0.00			
d	Corridor Coordination and Review (other sections)	\$0.00			
	Subtotal Task 10 =	\$0.00			

<u>Task</u> 11.	<u>Description</u> Phase II Work - Part 1 (see Phase II Man-hour Estimate	1 for details)	Direct Costs	<u>Notes</u>
a. b.	Method of Implementation Determination Roadway Contract Sheet Work		\$0.00 \$600.00	250 sheets @\$0.12/sheet @ 20 sets
		Subtotal Task 11 =		
12.	Phase II Work - Part 2 (see Phase II Man-hour Estimate	1 for details)		
-a.	Quantity Calculations		\$0.00	
b.	Engineer's Estimate		\$0.00	
C.	Special Provisions		\$0.00	
		Subtotal Task 12 =	\$0.00	
13.	Phase II Work - Part 3 (see Phase II Man-hour Estimate	2 for details)		
a.	Advance Contract Work (grading, tree removal, storm	sewer)	\$156.00	65 sheets @\$0.12/sheet @ 20 sets
		Subtotal Task 13 =	\$156.00	
14.	Phase II Work - Part 4 (see Phase II Man-hour Estimate	1 for details)		
а.	Pavement Design		\$0.00	,
b.	Address and Dispose Review Comments - Preliminary		\$0.00	
C.	Address and Dispose Review Comments - Pre-final		\$0.00	
d.	Address and Dispose Review Comments - Final		\$0.00	
e.	Coordination with 10 utilities and local agencies		\$0.00	
f.	Permitting (IEPA, ACOE and KDSWCD assistance)		\$0.00	
g.	Attendance at Pre-bid & Pre-construction Meetings (2)	onl 4 hre)		Mileage; - \$0.565 x 2 trips x 2 vehicles @ 40 miles RT
<u>g</u> .	Andreal to at 16-bit at 16	Subtotal Task 14 =		Mileage - 40.303 X 2 tribs X 2 Verilices @ 40 filles K1
		Oublotal Tube 14 -	430.40	1
	Value Engineering			
a.	Value Engineering assistance and participation			Lodging - 5 days @ \$95
				Mileage - \$0.565 x 1 trips x 1 vehicles @ 400 miles RT
			\$ 226.00	Mileage - \$0.565 x 5 trips x 2 vehicles @ 40 miles RT
		Subtotal Task 15 =	\$927.00	
16. F	Pavement and Soils Interpretation			
a.	Review and interpret soil and pavement borings for use	e in plans	\$0.00	
		Subtotal Task 16 =	\$0.00	
17. (Quality Assurance, Project Administration			
a.	QA/QC for Phase I (Draft CDR and Final CDR)		\$0.00	
b.	QA/QC for Phase II (preliminary, pre-final, final)		\$0.00	
C.	Project Administration for Entire Project (~4% of Total)		\$200.00	mailing of invoices, other hard copies to agencies as necessary
		Subtotal Task 17 =	\$200.00	
		Total Direct Costs	\$9,159.70	

PAYROLL ESCALATION TABLE FIXED RAISES

FIRM NAME PRIME/SUPPLEMENT	HLR Engineering Prime		DATE 05/29/13 PTB NO. N/A		
	CONTRACT TE START DA RAISE DA	ATE 7/15/2013	OVERHEAD RATE COMPLEXITY FACTOR % OF RAISE	146.76% 0 2.00%	
		ESCALATION PER YEAR			
	7/15/2013 - 1/1/2014	1/2/2014 - 1/1/2015			
	<u>6</u>	<u>12</u> 18			
	= 33.33% = 1.0133 The total escalation for t	68.00%	1.33%		
		p,			

PAYROLL RATES

FIRM NAME PRIME/SUPPLEMENT PSB NO. HLR Engineering DATE
Prime
N/A

05/29/13

ESCALATION FACTOR

1.33%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
		450.00
Principal	\$58.50	\$59.28
Engineer Specialist	\$51.96	\$52.65
Engineer 9	\$49.85	\$50.51
Engineer 8	\$47.44	\$48.07
Engineer 7	\$44.60	\$45.19
Engineer 6	\$40.41	\$40.95
Engineer 5	\$36.13	\$36.61
Engineer 4	\$34.68	\$35.14
Engineer 3	\$28.29	\$28.67
Engineer 2	\$26.44	\$26.79
Engineer 1	\$24.15	\$24.47
Technician 7	\$35.54	\$36.01
Technician 6	\$30.19	\$30.59
Technician 5	\$29.14	\$29.53
Technician 4	\$25.00	\$25.33
Technician 3	\$23.03	\$23.34
Technician 2	\$19.54	\$19.80
Technician 1	\$11.89	\$12.05
Clerical 2	\$26.24	\$26.59
Clerical 1	\$17.37	\$17.60
Accounting	\$28.28	\$28.66
•	·	\$0.00
		\$0.00
		\$0.00

COST PLUS FIXED FEE COST ESTIMATE OF CONSULTANT SERVICES

FIRM	HLR Engineering			DATE	05/29/13
PSB	N/A	OVERHEAD RATE	1.4676		
PRIME/SUPPLEMENT	Prime	COMPLEXITY FACTOR	0		

DBE				OVERHEAD	IN-HOUSE	1	Outside	SERVICES			% OF
DROP	ITEM	MANHOURS	PAYROLL	&	DIRECT	FIXED	Direct	BY	TEG	TOTAL	GRAND
BOX				FRINGE BENF	COSTS	FEE	Costs	OTHERS	TOTAL		TOTAL
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(B-G)	
	Data Collection	278	12,248.50	17,975.91		4,531.95	169.50	19,180.00	29,219.70	83,325.55	5.96%
	2. Field Survey & Align.	948	31,031.61	45,541.99		11,481.70	1,695.00		18,750.25	108,500.55	7.76%
	3. Coord & Meetings	296	13,814.45	20,274.09		5,111.35	1,670.80		65,422.36	106,293.04	7.60%
	4. Crash & Safety Anal.	0	0.00	0.00		0.00	0.00		5,386.52	5,386.52	0.39%
	5. Drainage Studies	224	7,771.05	11,404.79		2,875.29	0.00		25,215.27	47,266.40	3.38%
	6. Environmental Studies	698	20,744.09	30,444.02		7,675.31	3,051.00		26,654.71	88,569.14	6.33%
	7. IDS/Geomet. Studies	0	0.00	0.00		0.00	0.00		20,521.54	20,521.54	1.47%
	8. Traffic Maint. Analysis	0	0.00	0.00		0.00	0.00		4,566.20	4,566.20	0.33%
•	9. Project Report	200	7,108.41	10,432.31		2,630.11	600.00		15,989.33	36,760.16	2.63%
	10. Phase I Addendum	112	4,283.72	6,286.79		1,584.98	0.00		28,602.41	40,757.91	2.91%
	11. Phase II/Part 1	- 2100	_ 71,269.35	104,594.90		26,369.66	600.00	30,306.32	298,485.49	531,625.73	38.02%
	12. Phase II/Part 2	0	0.00	0.00		0.00	0.00		45,369.01	45,369.01	3.24%
	13. Phase II/Part 3	160	5,735.77	8,417.82		2,122.24	156.00		32,565.85	48,997.67	3.50%
	14. Phase II/Part 4	154	6,013.75	8,825.78		2,225.09	90.40		17,157.68	34,312.69	2.45%
	15. Value Engineering	96	4,732.19	_6,944.96		1,750.91	927.00		15,571.76	29,926.81	2.14%
	16. Pav't/Soils Interp.	0	0.00	0.00		0.00	0.00		6,596.42	6,596.42	0.47%
	18. Land Acquisition	569	20,735.04	30,430.74		7,671.96	0.00		0.00	58,837.75	4.21%
	17a, QA/QC	173	8.365.39	12.277.05		3.095.19	200.00		14,512.13	38,449.76	2,75%
	17b. Admininistration	140	7,074.28	10,382.22	· · · · · · · · · · · · · · · · · · ·	2,617.48	0.00		42,131.25	62,205.23	4.45%
							-				
	Subconsultant DL					0.00			71	0.00	0.00%
	TOTALS	6148	220,927.61	324,233.36	0.00	81,743,22	9,159,70	49,486,32	712,717,87	1,398,268.08	100.00%

FIRM	HLR Engineering				
PSB	N/A	DATE 05/29/13			
PRIME/SUPPLEME	NT Prime				
		SHEET	1	OF	5

PAYROLL	AVG	TOTAL PROJECT RATES			1. Data	Collection		2. Field	Survey & /	Align.	3. Coor	d & Meetir	ıgs	4. Crash & Safety Anal.			5. Drainage Studies		
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part,	Avg		Part.	Avg
Principal	59.28	100	1.63%	0.96													_		
Engineer Specialist	52.65	80	1.30%	0.69															
Engineer 9	50.51	745	12.12%	6.12	102	36.69%	18.53	140	14.77%	7.46	8	2.70%	1.37						
Engineer 8	48.07	822	13.37%	6.43	16	5.76%	2.77				137	46.28%	22.25						
Engineer 7	45.19	333	5.42%	2.45	66	23.74%	10.73				151	51.01%	23.06						
Engineer 6	40.95	216	3.51%	1.44	36	12,95%	5,30										80	35,71%	14.62
Engineer 5	36.61	80	1.30%	0.48													80	35.71%	13.08
Engineer 4	35.14	658	10.70%	3.76	28	10.07%	3.54												
Engineer 3	28.67	0																	
Engineer 2	26.79	220	3.58%	0.96															
Engineer 1	24.47	340	5.53%	1.35													64	28.57%	6.99
Technician 7	36.01	494	8.04%	2.89	_		-	342	36,08%	12.99			-						
Technician 6	30.59	0							_										
Technician 5	29.53	734	11.94%	3.53	30	10.79%	3.19	124	13.08%	3.86									
Technician 4	25.33	0 '																	<u> </u>
Technician 3	23.34	862	14.02%	3.27				342	36.08%	8.42									
Technician 2	19.80	372	6.05%	1,20															
Technician 1	12.05	0																	
Clerical 2	26.59	52	0.85%	0.22															
Clerical 1	17.60	0																	
Accounting	28.66	40	0.65%	0.19															
		0																	L
		0																	
		0																	
		0																	
		0																	
		0																	
TOTALS		6148	100%	\$35.93	278	100.00%	\$44.06	948	100%	\$32,73	296	100%	\$46.67	0	0%	\$0.00	224	100%	\$34.69

 FIRM
 HLR Engineering

 PSB
 N/A

 PRIME/SUPPLEMENT Prime
 SHEET
 2
 OF
 5

PAYROLL	AVG	6. Enviro	nmental Stu	udies	7. IDS/Ge	omet. Stud	lies	8. Traffic Maint, Analysis		9. Project Report			10. Phase	e I Addendu	ım	11, Phase	II/Part 1		
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg	1	Part.	Avg
Principal	59.28																		
Engineer Specialist	52.65																80	3.81%	2.01
Engineer 9	50.51	162	23.21%	11.72													60	2.86%	1.44
Engineer 8	48.07																350	16.67%	8.01
Engineer 7	45.19										68	34.00%	15.37	48	42.86%	19.37			
Engineer 6	40.95																100	4.76%	1.95
Engineer 5	36.61						1										I		L. "
Engineer 4	35.14										60	30,00%	10.54	40	35.71%	12.55	410	19.52%	6.86
Engineer 3	28.67			1															
Engineer 2	26.79										60	30.00%	8.04				160	7.62%	2.04
Engineer 1	24.47																200	9.52%	2.33
Technician 7	36.01			_			-											_	
Technician 6	30.59																		T
Technician 5	29.53								*					24	21.43%	6.33	500	23.81%	7.03
Technician 4	25.33				i			l											T
Technician 3	23.34	520	74.50%	17.39							ļ								
Technician 2	19.80																240	11.43%	2.26
Technician 1	12.05																		
Clerical 2	26.59	16	2.29%	0.61							12	6.00%	1.60						
Clerical 1	17.60																		
Accounting	28.66																		
TOTALS		698	100%	\$29.72	. 0	0%	\$0.00	0	0%	\$0.00	200	100%	\$35.54	112	100%	\$38.25	2100	100%	\$33.94

 FIRM
 HLR Engineering

 PSB
 N/A

 PRIME/SUPPLEMENT Prime
 SHEET
 3
 OF
 5

PAYROLL	AVG	12. Phase	e II/Part 2		13. Phase	e II/Part 3		14. Phas	e II/Part 4		15. Value	Engineerir	ıg	16. Pav't	Soils Interp		18. Land	Acquisition	n n
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg	i	Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Principal .	59.28																		
Engineer Specialist	52.65																		
Engineer 9	50.51										48	50.00%	25.26				205	36.03%	18.20
Engineer 8	48.07				50	31.25%	15.02	68	44.16%	21.23	48	50.00%	24.04						
Engineer 7	45.19								<u>-</u>										
Engineer 6	40.95																		
Engineer 5	36.61																		
Engineer 4	35.14				60	37.50%	13.18	60	38.96%	13.69									
Engineer 3	28.67																		
Engineer 2	26.79							l											
Engineer 1	24.47				50	31.25%	7.65	26	16.88%	4.13									
Technician 7	36.01			-	-	-					-				_		152	26.71%	9.62
Technician 6	30,59											·							
Technician 5	29.53									T							56	9.84%	2.91
Technician 4	25.33																		
Technician 3	23.34																		
Technician 2	19.80																132	23.20%	4.59
Technician 1	12.05																		
Clerical 2	26.59																24	4.22%	1.12
Clerical 1	17.60																		
Accounting	28.66																		
TOTALS		0	0%	\$0.00	160	100%	\$35.85	154	100%	\$39.05	96	100%	\$49.29	0	0%	\$0.00	569	100%	\$36.44

 FIRM
 HLR Engineering

 PSB
 N/A

 PRIME/SUPPLEMENT Prime
 SHEET
 4
 OF
 5

PAYROLL	AVG				17a. QA/0	QC		17b, Adr	nininistratio	n									
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES	l I	Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Principal	59.28							100	71.43%	42.34				Ì					
Engineer Specialist	52.65																		1
Engineer 9	50.51				20	11.56%	5.84												1
Engineer 8	48.07				153	88.44%	42.52												
Engineer 7	45.19																		1
Engineer 6	40.95																		1
Engineer 5	36.61																		
Engineer 4	35.14																		
Engineer 3	28.67																		
Engineer 2	26.79																		
Engineer 1	24.47																		
Technician 7	36.01					-	-				_								
Technician 6	30.59																		
Technician 5	29.53																		
Technician 4	25.33																		
Technician 3	23.34																		
Technician 2	19.80																		I
Technician 1	12.05																Ï		
Clerical 2	26.59														_				
Clerical 1	17.60																		
Accounting	28.66							40	28.57%	8.19									
													Ĭ					•	<u> </u>
							ļ	<u> </u>					<u> </u>						
	ļ	-																	
TOTALS		0	0%	\$0.00	173	100%	\$48.35	140	100%	\$50.53	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

PAYROLL ESCALATION TABLE FIXED RAISES

FIRM NAME PRIME/SUPPLEMENT	Thomas Engineering Group		DATE 05/29/13 PTB NO.	
	CONTRACT TERM START DATE RAISE DATE	18 MONTHS 7/1/2013 1/1/2014	OVERHEAD RATE COMPLEXITY FACTOR % OF RAISE	130.50% 3.00%
	ESCAL	ATION PER YEAR		
	7/1/2013 - 1/1/2014 1/2/2014	- 1/1/2015		
	<u>6</u> 18	12		
	= 33.33% 6 = 1.0200 The total escalation for this project w	8.67% rould be: 2.00%		

PAYROLL RATES

FIRM NAME
PRIME/SUPPLEMENT
PSB NO.

Thomas Engineering Gr DATE	05/29/13
	_

ESCALATION FACTOR

2.00%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
Principal	\$70.00	\$70.00
Dept. Head/Sr. Proj Mgr	\$70.00	\$70.00
Prj Mgr/Sr. Res. Engineer	\$60.44	\$61.65
Chief Surveyor	\$41.00	\$41.82
Project/Resident Eng IV	\$56.50	\$57.63
Project/Resident Eng III	\$50.27	\$51.28
Project/Resident Eng II	\$44.00	\$44.88
Project/Resident Eng I	\$38.50	\$39.27
Design/Construction Eng II	\$37.50	\$38.25
Design/Construction Eng I	\$32.18	\$32.82
Senior Technician	\$41.00	\$41.82
Technician II	\$32.40	\$33.05
Technician I	\$20.63	\$21.04
Intern	\$15.50	\$15.81
Office / Clerical	\$25.88	\$26.40
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00

Subconsultants

PRIME/SUPPLEMENT PSB NO.	I nomas Engineer	ing Group	DATE	
NAME	Direct Labor Total	Contribution to Prime Consultant		
	<u>'</u>	0.00		
		0.00		
		0.00		
		0.00	ı	
		0.00		
		0.00	,	
		0.00	,	
		0.00		
Total	0.00	0.00	!	

COST PLUS FIXED FEE COST ESTIMATE OF CONSULTANT SERVICES

DF-824-039 REV 12/04

FIRM	Thomas Engineering Group			DATE	05/29/13
PSB	-	OVERHEAD RATE	1.305		
PRIME/SUPPLEMENT		COMPLEXITY FACTOR			

DBE DROP	ITEM	MANHOURS	PAYROLL	OVERHEAD &	IN-HOUSE DIRECT	FIXED	Outside Direct	SERVICES BY	DBE	TOTAL	% OF GRAND
BOX				FRINGE BENF	COSTS	FEE	Costs	OTHERS	TOTAL		TOTAL
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(B-G)	
	Data Collection	210	10,923.25	14,254.84		4,041.60				29,219.70	4.10%
	2. Field Survey & Align.	176	7,009.44	9,147.32		2,593.49				18,750.25	2.63%
	3. Coord & Meetings	414	24,456.96	31,916.33		9,049.07				65,422.36	9.18%
	4. Crash & Safety Anal.	48	2,013.65			745.05				5,386.52	0.76%
	5. Drainage Studies	224	9,426.27	12,301.28		3,487.72				25,215.27	3.54%
	6. Environmental Studies	274	9,964.38	13,003.51		3,686.82				26,654.71	3.74%
	7. IDS/Geomet. Studies	176	7,671.60	10,011.44		2,838.49				20,521.54	2.88%
	8. Traffic Maint. Analysis	40	1,706.99	2,227.62		631.59				4,566.20	0.64%
	9. Project Report	112	5,977.32	7,800.40		2,211.61				15,989.33	2.24%
	10. Phase I Addendum	224	10,692.49	13,953.70		3,956.22				28,602.41	4.01%
	11. Phase II/Part 1	2394	111,583.36	145,616.28		41,285.84				298,485.49	41.88%
	12. Phase II/Part 2	420	16,960.38	22,133.29		6,275.34				45,369.01	6.37%
	13. Phase II/Part 3	314	12,174.15	15,887.26		4,504.43				32,565.85	4.57%
	14. Phase II/Part 4	138	6,414.09	8,370.38		2,373.21				17,157.68	2.41%
	15. Value Engineering	96	5,821.22	7,596.69		2,153.85	- · - · · · · · · · · · · · · · · · · ·			15,571.76	2.18%
	16. Pav't/Soils Interp.	40	2,465.95	3,218.07		912.40				6,596.42	0.93%
	18. Land Acquisition	0	0.00	0.00		0.00				0.00	0.00%
	17a. QA/QC	88	5,425.09	7,079.75	.,,,,	2,007.28				14,512.13	2.04%
	17b. Admininistration	225	15,750.00	20,553.75		5,827.50	-			42,131.25	5.91%
<u> </u>	Subconsultant DL		<u> </u>			0.00				0.00	0.00%
	TOTALS	5613	266,436.59	347,699.74	0.00	98,581.54	0.00	0.00	0.00	712,717.87	100.00%

DBE 0.00%

DBE

FIRM	Thomas Engineering Group					
PSB		DATE 05/29/13				
PRIME/SUPPLEMENT						
		SHEET	1	OF	5	

PAYROLL	AVG	TOTAL PROJECT RATES			1. Data	Collection		2. Field	Survey &	Align.	3. Coor	d & Meetin	gs	4. Crasi	h & Safety	Anal.	5. Drain	age Stud	ies
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Principal	70.00	42	0.75%	0.52															
Dept. Head/Sr. Proj Mgr	70.00	845	15.05%	10.54	67	31.90%	22.33				200	48.31%	33.82	1	2.08%	1.46			
Prj Mgr/Sr. Res. Engineer	61.65	156	2.78%	1.71							16	3.86%	2.38						Ĭ
Chief Surveyor	41.82	142	2.53%	1.06				136	77.27%	32.32	6	1.45%	0.61						
Project/Resident Eng IV	57.63	0																	
Project/Resident Eng III	51.28	2087	37.18%	19.06	69	32.86%	16.85		[.		144	34.78%	17.83	12	25.00%	12,82	112	50.00%	25.64
Project/Resident Eng II	44.88	0																	
Project/Resident Eng I	39.27	0																	
Design/Construction Eng I	38.25	1147	20.43%	7.82	48	22.86%	8.74				48	11.59%	4.43	33	68.75%	26.30			
Design/Construction Eng I	32.82	260	4.63%	1.52													80	35.71%	11.72
Senior Technician	41.82	0																	
Technician II	33.05	843	15.02%	4.96	26	12.38%	4.09	40	22.73%	7.51				2	4.17%	1.38	32	14.29%	4.72
Technician I	21.04	0																	
Intern	15.81	84	1.50%	0.24															
Office / Clerical	26.40	7	0.12%	0.03															
		. 0																	
		0																	
		0																	
		0																	
		0																	
		0																	
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		0																	
TOTALS		5613	100%	\$47.47	210	100.00%	\$52.02	176	100%	\$39.83	414	100%	\$59.07	48	100%	\$41.95	224	100%	\$42.08

FIRM	Thomas Engineering Group					
PSB		DATE	05/29/13			
PRIME/SUPPLEMEN	n 					
		SHEET	2	OF	5	

PAYROLL	AVG	6. Enviro	nmental Stu	udies	7. IDS/Ge	omet. Stud	ies	8. Traffic	Maint. Anal	ysis	9. Projec	t Report		10. Phase	e I Addendu	ım	11. Phase	II/Part 1	
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg	İ	Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Principal	70.00										2	1.79%	1.25						
Dept. Head/Sr. Proj	70.00	16	5.84%	4.09	24	13.64%	9.55		-		30	26.79%	18.75	50	22.32%	15.63	200	8.35%	5.85
Prj Mgr/Sr. Res. Eng	61.65							4	10.00%	6.16									T
Chief Surveyor	41.82																		
Project/Resident Eng	57.63														"				
Project/Resident Eng	51.28	20	7.30%	3.74	36	20.45%	10.49	8	20.00%	10.26	52	46.43%	23.81	58	25.89%	13.28	1248	52.13%	26.73
Project/Resident Eng	44.88																		
Project/Resident Eng	39.27																		
Design/Construction	38.25				60	34.09%	13.04	24	60.00%	22.95	28	25.00%	9.56	74	33.04%	12.64	600	25.06%	9.59
Design/Construction	32.82																		1
Senior Technician	41.82																		
Technician II	33.05	231	84.31%	27.86	56	31.82%	10.52	4	10.00%	3.30				42	18.75%	6.20	300	12.53%	4.14
Technician I	21.04																		1
Intern	15.81																46	1.92%	0.30
Office / Clerical	26.40	7	2.55%	0.67															
		-						-					-						
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TOTALS		274	100%	\$36.37	176	100%	\$43.59	40	100%	\$42.67	112	100%	\$53.37	224	100%	\$47.73	2394	100%	\$46.61

FIRM	Thomas Engineering Group			
PSB		DATE	05/29/13	
PRIME/SUPPLEMENT				
		SHEET	3 OF	5

PAYROLL	AVG	12. Phas	e II/Part 2		13. Phase	e II/Part 3		14. Phas	e II/Part 4		15. Value	e Engineerin	g	16. Pav't	/Soils Interp		18. Land	Acquisition	1
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg	l i	Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Principal	70.00																		1
Dept. Head/Sr. Proj I	70.00	8	1.90%	1.33	16	5.10%	3.57				48	50.00%	35.00				i	7	
Prj Mgr/Sr. Res. Eng	61.65							8	5.80%	3.57				40	100.00%	61.65			Î
Chief Surveyor	41.82																		
Project/Resident Eng	57.63														·				
Project/Resident Eng	51.28	120	28.57%	14.65	80	25.48%	13.06	80	57.97%	29.72	48	50.00%	25.64					_	1
Project/Resident Eng	44.88																		
Project/Resident Eng	39.27																		
Design/Construction	38.25	120	28.57%	10.93	80	25.48%	9.75	32	23.19%	8.87									
Design/Construction	32.82	120	28.57%	9.38	60	19.11%	6.27												
Senior Technician	41.82												ľ						T
Technician II	33.05	52	12.38%	4.09	40	12.74%	4.21	18	13.04%	4.31									
Technician I	21.04																		
Intern	15.81				38	12.10%	1.91												
Office / Clerical	26.40																		
÷ :				-										-					-
																		•	
																		•	
TOTALS		420	100%	\$40.38	314	100%	\$38.77	138	100%	\$46.48	96	100%	\$60.64	40	100%	\$61.65	0	0%	\$0.00

FIRM	Thomas Engineering Group					
PSB		DATE	05/29/13			
PRIME/SUPPLEMENT						
		SHEET	4	OF	5	

PAYROLL	AVG				17a. QA/0	QC .		17b. Adn	nininistratio	n									
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg	1 1	Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Principal	70.00							40	17.78%	12.44									
Dept. Head/Sr. Proj l	70.00							185	82.22%	57.56									
Prj Mgr/Sr. Res. Eng	61.65	Į i			88	100.00%	61.65					•						-:	
Chief Surveyor	41.82																		
Project/Resident Eng	57.63																		
Project/Resident Eng	51.28														-				
Project/Resident Eng	44.88																		
Project/Resident Eng	39.27																		
Design/Construction	38.25																		
Design/Construction																			
Senior Technician	41.82																		
Technician II	33.05																		
Technician I	21.04																		
Intern	15.81																		
Office / Clerical	26.40																		
					·														
																		•	
TOTALS		0	0%	\$0.00	88	100%	\$61.65	225	100%	\$70.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

FIRM	Thomas Engineering Group				
PSB		DATE	05/29/13		
PRIME/SUPPLEMEN	TT				
		SHEET	5	OF	5

PAYROLL	AVG																		
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Principal	70.00																		
Dept. Head/Sr. Proj I	70.00																		
Prj Mgr/Sr. Res. Eng	61.65																		1
Chief Surveyor	41.82																		
Project/Resident Eng																			
Project/Resident Eng	51.28																		1
Project/Resident Eng	44.88																		1
Project/Resident Eng	39.27																		
Design/Construction																			1
Design/Construction	32.82																		1
Senior Technician	41.82																		1
Technician II	33.05																		
Technician I	21.04																		
Intern	15.81			,															
Office / Clerical	26.40																		
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TOTALS		0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

SPEC #:	CONSULTANT: Altamanu, Inc.	DATE: 5/16/2012
CONTRACT#:		
COUNTY: Kane		<u></u>
REQ. #:	OVERHEAD RATE: 156.75%	COMPLEXITY FACTOR 0

ITEM	MANHOURS	PAYROLL (B)	OVERHEAD & FRINGE BENEFIT (C)	DIRECT COSTS (D)	FIXED FEE (E)	SERVICES BY OTHERS (F)	TOTAL (G)	% OF GRAND TOTAL (H)
PHASE I-II ENGINEERING								
1 SITE VISITS (INITIAL AND SUBSEQUENT)	20	\$722.00	\$1,131.74	\$170.15	\$185.37		\$2,209.26	7.29%
2 STAKEHOLDER/COMMUNITY MEETINGS	0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	0.00%
3 CONCEPT DESIGN	268	\$6,897.60	\$10,811.99	\$350.70	\$1,770.96		\$19,831.25	65.44%
4 KICK OFF AND PROGRESS MEETINGS	24	\$1,064.00	\$1,667.82	\$251.40	\$273.18		\$3,256.40	10.74%
5 PRESENTATION BOARDS/POWERPOINT/RENDERINGS	68	\$1,679.00	\$2,631.83	\$267.50	\$431.08		\$5,009.42	16.53%
6 30% PLANS, SPECS, COSTS	0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	0.00%
7 60% PLANS, SPECS, COSTS	0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	0.00%
8 90% PLANS, SPECS, COSTS	0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	0.00%
9 100% PLANS, SPECS, COSTS	0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	0.00%
10 DESIGN ASSISTANCE DURING CONSTRUCTION	0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	0.00%
								-
	L					•		
						<u> </u>		
TOTALS	380	\$10,362.60	\$16,243.38	\$1,039.75	\$2,660.60	\$0.00	\$30,306.32	100.00%

EXHIBIT C-2

AVERAGE HOURLY RATES

CONSULTANT: Altamanu, Inc.		
ROUTE: Longmeadow Pkwy – Section A-Phase 1		
SPEC #: 0	DATE:	5/16/2012
CONTRACT #: 0	_	
COUNTY: Kane		
REQ. #: 0	SHEET 1	OF 3

PAYROLL	AVERAGE		SITS (INI [*] IBSEQUE	TIAL AND ENT)	STAKEHOLDER/COMMUNI TY MEETINGS			CONCEPT DESIGN			KICK OFF AND PROGRESS MEETINGS		
CLASSIFICATION	HOURLY RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE
Principal Landscape Architect	56.57	4	20.0%	\$11.31				16	6.0%	\$3.38	8	33.3%	\$18.86
Principal Urban Designer	50.93	4	20.0%	\$10.19				16	6.0%	\$3.04	8	33.3%	\$16.98
PM/ Sr.Landscape Arch	29.20							8	3.0%	\$0.87			
Landscape Architect	25.50	8	40.0%	\$10.20				48	17.9%	\$4.57	8	33.3%	\$8.50
Landscape Designer I	24.71												
Landscape Designer II	22.00	4	20.0%	\$4.40				60	22.4%	\$4.93		3000	
Landscape Designer/CADD	20.00							120	44.8%	\$8.96			
		100											
		100											
													ĺ
TOTALS		20	100.0%	\$36.10	0	0.0%	\$0.00	268	100.0%	\$25.74	24	100.0%	\$44.33

EXHIBIT C-2 AVERAGE HOURLY RATES

CONSULTANT: Altamanu, Inc.					
ROUTE: Longmeadow Pkwy – Section APhase 1					
SPEC #: 0		DATE:	5/16/2	2012	
CONTRACT #: 0		_			
COUNTY: Kane					
REQ. #: 0	SHEET	2	OF	3	

		BOARD	PRESENTATION BOARDS/POWERPOINT/ RENDERINGS			30% PLANS, SPECS, COSTS			60% PLANS, SPECS, COSTS			90% PLANS, SPECS, COSTS		
PAYROLL CLASSIFICATION	HOURLY RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	
Principal Landscape Architect	56.57	2	2.9%	\$1.66										
Principal Urban Designer	50.93	2	2.9%	\$1.50										
PM/ Sr.Landscape Arch	29.20													
Landscape Architect	25.50	16	23.5%	\$6.00										
Landscape Designer I	24.71													
Landscape Designer II	22.00	48	70.6%	\$15.53										
Landscape Designer/CADD	20.00								<u> </u>					
	·									ļ <u></u>				
	···	 					1			<u> </u>				
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TOTALS		68	100.0%	\$24.69	0	0.0%	\$0.00	0	0.0%	\$0.00	0	0.0%	\$0.00	

EXHIBIT C-2

AVERAGE HOURLY RATES

CONSULTANT:				
ROUTE: Longmeadow Pkwy Section A-Phase 1				
SPEC #: 0		DATE:	5/16/2	2012
CONTRACT #: 0		_		
COUNTY: Kane				
REQ. #: 0	SHEET	3	OF	3

PAYROLL	i Lagaria	100%	PLANS, COSTS				STANCE RUCTION		0			0	
CLASSIFICATION	HOURLY RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE
Principal Landscape Architect	56.57		,										
Principal Urban Designer	50.93												
PM/ Sr.Landscape Arch	29.20												
Landscape Architect	25.50												
Landscape Designer I	24.71												
Landscape Designer II	22.00												
Landscape Designer/CADD	20.00												
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		<i>a.</i> .											
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							<u>-</u>						
TOTALS		0	0.0%	\$0.00	0	0.0%	\$0.00	0	0.0%	\$0.00	0	0.0%	\$0.00

EXHIBIT C-2

AVERAGE HOURLY RATES

CONSULTANT: Altamanu, Inc.					
ROUTE: Longmeadow Pkwy Section APhase 1					
SPEC#: 0		DATE:	5/16/2	2012	
CONTRACT #: 0		_			•
COUNTY: Kane					
RFO #: 0	SHEET	4	OF	4	

PAYROLL						0						0	
CLASSIFICATION	HOURLY RATE	HOURS	% PART	WGTD RATE									
Principal Landscape Architect	56.57												
Principal Urban Designer	50.93												
PM/ Sr.Landscape Arch	29.20												
Landscape Architect	25.50												
Landscape Designer I	24.71						_						
Landscape Designer II	22.00												
Landscape Designer/CADD	20.00										·		-
										• "			
1													
		1											
												_	
TOTALS		0	0.0%	\$0.00	0	0.0%	\$0.00	0	0.0%	\$0.00	0	0.0%	\$0.00

FIRM NAME: Altamanu, Inc
PRIME/SUPPLEMENT: Longmeadow Alliance Consultants (HLR/TEG)
PROJECT: LONGMEADOW PKWY SECTION A

IN-HOUSE AND DIRECT EXPENSES

SITE VISITS (INITIAL AND SUBSEQUENT)		Units	Unit Cost	Cost
Black and White Copies	· · · · · · · · · · · · · · · · · · ·	50	\$0.20	\$10.00
Color Copies		25	\$0.20 \$1.75	\$43.75
24 x 36 prints (Black and White)		25 8	\$1.75 \$3.30	\$43.75 \$26.40
24 x 36 prints (Color)		0	\$60.00	\$20.40 \$0.00
Car rental		2		\$90.00
Subtotal		2	\$45.000	\$90.00 \$170.15
Subtotal				\$170.15
STAKEHOLDER/COMMUNITY MEETINGS	:	Units	Unit Cost	Cost
Black and White Copies		0	\$0.20	\$0.00
Color Copies		0	\$1.75	\$0.00
24 x 36 prints		0	\$3.30	\$0.00
24 x 36 prints (Color)	•	0	\$60.00	\$0.00
Car Rental		0	\$45.000	\$0.00
Subtotal				\$0.00
CONCEPT DESIGN	1	Units	Unit Cost	Cost
Black and White Copies		50	\$0.20	\$10.00
Color Copies		50 50	\$0.20 \$1.75	\$87.50
24 x 36 prints		4	\$3.30	\$13.20
24 x 36 prints (Color)	•	4	\$5.30 \$60.00	\$240.00
Subtotal		4	φυυ.υυ	\$240.00 \$350.70
Gubiotal				\$330.70
KICK OFF AND PROGRESS MEETINGS		Units	Unit Cost	Cost
Black and White Copies	;	250	\$0.20	\$50.00
Color Copies		100	\$1.75	\$175.00
24 x 36 prints		8	\$3.30	\$26.40
24 x 36 prints (Color)		0	\$60.00	\$0.00
Car Rental		0	\$45.000	\$0.00
Subtotal				\$251.40
PRESENTATION BOARDS/POWERPOINT/RENDERINGS		Units	Unit Cost	Cost
Black and White Copies		25	\$0.20	\$5.00
Color Copies		150	\$1.75	\$262.50
24 x 36 prints		0	\$3.30	\$0.00
24 x 36 prints (Color)	1	0	\$60.00	\$0.00
Car Rental		0	\$45.000	\$0.00
Subtotal				\$267.50
30% PLANS, SPECS, COSTS	:	Units	Unit Cost	Cost
Black and White Copies		0	\$0.20	\$0.00
Color Copies	1	Ŏ	\$1.75	\$0.00
24 x 36 prints		Ö	\$3.30	\$0.00
24 x 36 prints (Color)		ő	\$60.00	\$0.00
Car Rental		0	\$45.000	\$0.00
Subtotal		•		\$0.00
				
		Units	Unit Cost	Cost
60% PLANS, SPECS, COSTS	1			
Black and White Copies	1	0	\$0.20	\$0.00
Black and White Copies Color Copies		0	\$0.20 \$1.75	\$0.00
Black and White Copies Color Copies 24 x 36 prints	<u>'</u>	0 0 0	\$0.20 \$1.75 \$3.30	\$0.00 \$0.00
Black and White Copies Color Copies 24 x 36 prints 24 x 36 prints (Color)		0	\$0.20 \$1.75	\$0.00 \$0.00 \$0.00
Black and White Copies Color Copies 24 x 36 prints		0 0 0	\$0.20 \$1.75 \$3.30	\$0.00 \$0.00
Black and White Copies Color Copies 24 x 36 prints 24 x 36 prints (Color)	;	0 0 0	\$0.20 \$1.75 \$3.30	\$0.00 \$0.00 \$0.00

Color Copies	. 0	\$1.75	\$0.00
24 x 36 prints	0	\$3.30	\$0.00
24 x 36 prints (Color)	0	\$60.00	\$0.00
Subtotal			\$0.00
100% PLANS, SPECS, COSTS	Units	Unit Cost	Cost
Black and White Copies	0	\$0.20	\$0.00
Color Copies	0	\$1.75	\$0.00
24 x 36 prints	0	\$3.30	\$0.00
24 x 36 prints (Color)	0	\$60.00	\$0.00
Subtotal			\$0.00
DESIGN ASSISTANCE DURING CONSTRUCTION	Units	Unit Cost	Cost
Black and White Copies	0	\$0.20	\$0.00
Color Copies	0	\$1.75	\$0.00
24 x 36 prints	0	\$3.30	\$0.00
24 x 36 prints (Color)	0	\$60.00	\$0.00
Subtotal			\$0.00

TOTAL

\$1,039.75

PREVAILING WAGE RATES

It is the policy of the State of Illinois as declared in the Illinois Prevailing Wage Act (820 ILCS 130/1 et seq.) "that a wage of no less than the general prevailing hourly rate as paid for work of a similar character in the locality in which the work is performed, shall be paid to all laborers, workers and mechanics employed by or on behalf of any and all public bodies engaged in public works".

The CONSULTANT agrees to pay, when applicable, the current Illinois Department of Labor Prevailing Wage Rates for all County of Kane projects. Current prevailing wage rates are available from the Illinois Department of Labor at their website: http://www.state.il.us/agency/idol/rates/rates.HTM.

Prevailing wage rates are subject to revision monthly. The CONSULTANT acknowledges its responsibility, for payment of any applicable future adjustment thereof.

The CONSULTANT further acknowledges its responsibility to notify any sub-consultant of the applicability of the Prevailing Wage Act.

When applicable, the CONSULTANT agrees to provide the Kane County Division of Transportation "certified payrolls" as required by the Prevailing Wage Act

HAMOTON, LENZINI & RENWICK, INK.

Company Name

D'D H. L'Dt

Signature of Officer of Company

CEO

Title

May 28, 2013

PREVAILING WAGE RATES

It is the policy of the State of Illinois as declared in the Illinois Prevailing Wage Act (820 ILCS 130/1 et seq.) "that a wage of no less than the general prevailing hourly rate as paid for work of a similar character in the locality in which the work is performed, shall be paid to all laborers, workers and mechanics employed by or on behalf of any and all public bodies engaged in public works".

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Thomas Engineering Group, LLC
Company Name
1/1
Signature of Officer of Company
President
Title
28 MAY 13
Date

PREVAILING WAGE RATES

It is the policy of the State of Illinois as declared in the Illinois Prevailing Wage Act (820 ILCS 130/1 et seq.) "that a wage of no less than the general prevailing hourly rate as paid for work of a similar character in the locality in which the work is performed, shall be paid to all laborers, workers and mechanics employed by or on behalf of any and all public bodies engaged in public works".

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When applicable, the CONSULTANT agrees to provide the Kane County Division of Transportation "certified payrolls" as required by the Prevailing Wage Act

Title

of Officer of Company

PREVAILING WAGE RATES

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Prevailing wage rates are subject to revision monthly. The CONSULTANT acknowledges its responsibility, for payment of any applicable future adjustment thereof.

The CONSULTANT further acknowledges its responsibility to notify any sub-consultant of the applicability of the Prevailing Wage Act.

When applicable, the CONSULTANT agrees to provide the Kane County Division of Transportation "certified payrolls" as required by the Prevailing Wage Act

Company Name

Company Name

Company Name

Company

Compan

CONTRACTOR DISCLOSURE ACKNOWLEDGEMENT KANE COUNTY CODE, ARTICLE III, DIVISION 3, SECTION 2-211

- 1. Prior to award, every contractor or vendor who is seeking or who has obtained contracts or change orders to contracts or two (2) or more individual contracts with Kane County resulting in an amount greater than Fifteen Thousand Dollars (\$15,000) shall disclose to the Kane County Purchasing Department, in writing all cumulative campaign contributions, (which includes multiple candidates) made within the previous twelve (12) months of awarding of the contract made by that contractor, union, or vendor to any current officer or countywide elected officer whose office the contract to be awarded will benefit. Disclosure shall be updated annually during the term of a multi-year contract and prior to any change order or renewal requiring Board level approval. For purposes of this disclosure requirement, "contractor or vendor" shall include owners, officers, managers, insurance brokers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors, corporations, partnerships, associations, business trusts, estates, trustees, and/or beneficiaries under the control of the contracting person, and political action committees to which the contracting person has made contributions.
- 2. All contractors and vendors who have obtained or are seeking contracts with Kane County must disclose the following information which shall be certified and attached to the application or document. Penalties for knowingly violating disclosure requirements will potentially result in immediate cancellation of the contract, and possible disbarment from future County contracts:
 - A. Name, address and percentage of ownership interest of each individual or entity having a legal or a beneficial interest of more than five percent (5%) in the applicant. Any entity required by law to file a statement providing substantially the information required by this paragraph with any other government agency may file a duplicate of such statement;
 - B. Names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with County employees or officials in relation to the contract or bid. This information disclosure must be updated when any changes to the information occurs.
 - C. Whenever any interest required to be disclosed in paragraph (a) above is held by an agent or agents, or a nominee or nominees, the principals for whom such agents or nominees hold such interest shall also be disclosed. The application of a spouse or any other party, if constructively controlled by another person, or legal entity as set forth above, shall state the name and address and percentage of beneficial interest of such person or entity possessing such constructive control and the relationship under which such control is being or may be exercised. Whenever a stock or beneficial interest is held by a corporation or other legal entity, such shareholder or beneficiary shall also make disclosure as required by paragraph (a) above.
 - D. A statement under oath that the applicant has withheld no disclosures as to economic interests in the undertaking nor reserved any information, data or plan as to the intended use or purpose for which it seeks County Board or other county agency action.
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- 5. Any failure to comply with the provisions of this section shall render any ordinance, ordinance amendment, County Board approval or other County action in behalf of the applicant failing to comply voidable at the option of the County Board or other County agency involved upon the recommendation of the County Board Chairman or the majority of the County Board.
- 6. Contractor Disclosure information shall be sent to the Kane County Purchasing Department and the Kane County Division of Transportation at the following address, or via email, prior to Transportation Committee of the Kane County Board:

Kane County Government Center Purchasing Department, Bldg A 719 S. Batavia Ave. Geneva, IL 60134 purchasing@countyofkane.org

Kane County Division of Transportation Linda Haines 41W011 Burlington Road St. Charles, IL 60175 haineslinda@countyofkane.org

Company Name:	HAMPTON, LENZINI 3 RENLIKK, INC.
Contact Person:	DAVID H. HINKSTON
Address:	380 SHEPARD DRIVE
City:	ELGIN
State:	11.
Zip Code:	60123
Phone:	FA7-697-6700

CONTRACTOR DISCLOSURE ACKNOWLEDGEMENT KANE COUNTY CODE, ARTICLE III, DIVISION 3, SECTION 2-211

- 1. Prior to award, every contractor or vendor who is seeking or who has obtained contracts or change orders to contracts or two (2) or more individual contracts with Kane County resulting in an amount greater than Fifteen Thousand Dollars (\$15,000) shall disclose to the Kane County Purchasing Department, in writing all cumulative campaign contributions, (which includes multiple candidates) made within the previous twelve (12) months of awarding of the contract made by that contractor, union, or vendor to any current officer or countywide elected officer whose office the contract to be awarded will benefit. Disclosure shall be updated annually during the term of a multi-year contract and prior to any change order or renewal requiring Board level approval. For purposes of this disclosure requirement, "contractor or vendor" shall include owners, officers, managers, insurance brokers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors, corporations, partnerships, associations, business trusts, estates, trustees, and/or beneficiaries under the control of the contracting person, and political action committees to which the contracting person has made contributions.
- 2. All contractors and vendors who have obtained or are seeking contracts with Kane County must disclose the following information which shall be certified and attached to the application or document. Penalties for knowingly violating disclosure requirements will potentially result in immediate cancellation of the contract, and possible disbarment from future County contracts:
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Kane County Division of Transportation Linda Haines 41W011 Burlington Road St. Charles, IL 60175 haineslinda@countyofkane.org

Company Name:

Contact Person:

Address:

City:

State:

Zip Code:

Phone:

Thomas Engineering Group, LLC

Thomas Gill

238 South Kenilworth Avenue

Oak Park

Illinois

60302

855.533.1700

CONTRACTOR DISCLOSURE ACKNOWLEDGEMENT KANE COUNTY CODE, ARTICLE III, DIVISION 3, SECTION 2-211

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Kane County Division of Transportation Linda Haines 41W011 Burlington Road St. Charles, IL 60175 haineslinda@countyofkane.org

Company Name:

Contact Person:

Address:

City:

Cui CAGO

LUINOIS

Zip Code:

Phone:

AUTAMANU, INC

AREPUINE BELLALTA

ITOO W. TRUING PAOK PD, 8VITE 202

Cui CAGO

LUINOIS

713 - 528 - 74 92

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Kane County Division of Transportation Linda Haines 41W011 Burlington Road St. Charles, IL 60175 haineslinda@countyofkane.org

HUDDLESTOW M'BRIDE Company Name: TOM HUDDLESTON Contact Person: 9504 FOWLER RD. Address: ROCHELLE. City: State: 61068 Zip Code: 815-757-6007

Phone: