

**BOARD OF COUNTY COMMISSIONERS**  
**SARPY COUNTY, NEBRASKA**

**RESOLUTION AUTHORIZING CONTRACT FOR PROFESSIONAL SERVICES WITH**  
**FELSBURG HOLT & ULLEVIG**

WHEREAS, pursuant to Neb. Rev. Stat. §23-104(6) (Reissue 2012), the County has the power to do all acts in relation to the concerns of the county necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. §23-103 (Reissue 2012), the powers of the County as a body are exercised by the County Board; and,

WHEREAS, an Agreement for Professional Services has been proposed to contract with Felsburg Holt & Ullevig to provide a study of the Corridor along Harrison Street between 144<sup>th</sup> Street and 204<sup>th</sup> Street; and

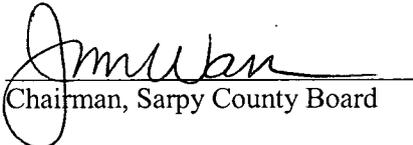
WHEREAS, an Interlocal Cooperation Agreement was entered into between Sarpy County, Douglas County and the City of Omaha, Resolution number 2013-91 , to share the cost of said corridor study; and

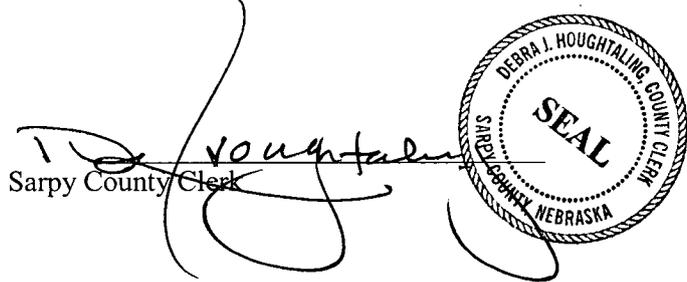
WHEREAS, the Agreement with Felsburg Holt & Ullevig is in the best interest of the citizens of Sarpy County and the traveling public.

NOW, THEREFORE, BE IT RESOLVED by the Sarpy County Board of Commissioners that this Board hereby approves and adopts the Agreement for Professional Services with Felsburg Holt & Ullevig.

BE IT FURTHER RESOLVED that, pursuant to the statutory authority set forth above, the Chairman of this Board, together with the county Clerk, be and hereby are authorized to execute on behalf of this Board an Agreement for Professional Services with Felsburg Holt & Ullevig to provide a study of the Corridor along Harrison Street between 144<sup>th</sup> Street and 204<sup>th</sup> Street, a copy of which is attached hereto.

The above and foregoing Resolution was duly approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with applicable law on this 23<sup>rd</sup> day of April, 2013.

  
 Chairman, Sarpy County Board

  
 Sarpy County Clerk



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## AGREEMENT FOR PROFESSIONAL SERVICES

This Agreement, made this \_\_\_\_\_ day of \_\_\_\_\_, 2013, by and between Sarpy County, Nebraska hereinafter called the **CLIENT**, and FELSBURG HOLT & ULLEVIG, hereinafter called the **CONSULTANT**, collectively referred to as the Parties.

The services to be performed hereunder are incidental to the following PROJECT:

**Harrison Street  
144<sup>th</sup> Street to 204<sup>th</sup> Street  
Corridor Study**

WITNESSETH: That for and in consideration of the mutual covenants and agreements hereinafter contained, the Parties hereto have mutually agreed and do agree as follows:

### ARTICLE 1. SERVICES BY THE **CONSULTANT**

- 1.1 The **CONSULTANT** agrees to perform all services, hereunder, using reasonable skill and judgment in accordance with applicable professional standards. **CONSULTANT** agrees to keep the **CLIENT** informed on its progress through periodic reports, and to maintain accurate records relating to its services in connection with this project.
- 1.2 The **CONSULTANT** agrees to provide, directly or by association with such other Consultants or Contractors as it may deem necessary to further the interest of the **CLIENT**, the basic services as described in **Exhibit A – Scope of Work**, attached hereto.

### ARTICLE 2. RESPONSIBILITIES OF THE **CLIENT**

- 2.1 The **CLIENT** shall provide and make available to the **CONSULTANT**, for his use, all maps, property descriptions, surveys, previous reports, historical data, and other information within its knowledge and possession relative to the services to be furnished hereunder. Data so furnished to the **CONSULTANT** shall remain the property of the **CLIENT** and will be returned upon completion of its services.
- 2.2 The **CLIENT** shall designate a representative who shall be fully acquainted with the Project and who shall have authority to render decisions relative to the **CONSULTANT'S** services as necessary for the orderly progress of the work. The representative shall be responsible for receiving and processing all information and documentation relative to the project in behalf of the **CLIENT**.
- 2.3 The **CLIENT** shall establish and maintain procedures for receiving, reviewing, recording, and acting on all information, documentation, payments, and acceptances of work and services relative to this project in an expeditious manner.

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- 2.4 The **CLIENT** shall make provisions for the **CONSULTANT** to enter upon public and private properties as required for the **CONSULTANT** to perform its services hereunder.

### ARTICLE 3. TIME OF PERFORMANCE

The services to be provided under this Agreement shall, unless otherwise provided, be commenced upon execution of this Agreement and be performed in general accordance within the timeframe and /or schedule in **Exhibit A**.

### ARTICLE 4. COMPENSATION FOR SERVICES

The **CLIENT** agrees to compensate the **CONSULTANT** in accordance with the following schedule, and the Terms and Conditions of this Agreement:

- 4.1 For Basic Services as described in Article 1, Compensation shall be made on a time and materials basis not-to-exceed **Thirty Four Thousand One Hundred Dollars (\$ 34,100)** without prior written approval of the **CLIENT**.
- 4.2 Invoices submitted to the **CLIENT** will use the **CONSULTANT**'s current billing rates in effect at the time the work is performed. **Exhibit A** provides the **CONSULTANT**'s 2013 Schedule of Hourly Rates and Expenses.
- 4.3 Unless otherwise provided herein, **CONSULTANT** shall submit invoices for Basic, Additional or Special Services and for Direct Expenses each month for work actually performed. The **CLIENT** agrees to pay the **CONSULTANT** within 60 days of the billing date. Payments not made within 60 days of the billing date shall bear interest at the rate of 1% per month which is an annual interest rate of 12%. In the event any portion of or all of an account remains unpaid 90 days after billing, the **CONSULTANT** may upon five (5) calendar days written notice to the **CLIENT** suspend performance of services under this Agreement. The **CONSULTANT** shall have no liability whatsoever to the **CLIENT** for any costs or damages as a result of such suspension. The **CLIENT** shall pay all costs of collection, including reasonable attorney's fees.

### ARTICLE 5. DELAYS

If the **CONSULTANT** is delayed at any time in the progress of work by any act or neglect of the **CLIENT** or its agents, employees or contractors, or by changes in the work, or by extended reviews by the **CLIENT**, fire, unavoidable casualties, or by any causes beyond the **CONSULTANT**'s control, the time schedule shall be extended for a reasonable length of time, and **CONSULTANT**'s compensation may be subject to renegotiation for increased expenses due to escalation of prices, extended services, relocation of other expenses incidental to such delays.

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## ARTICLE 6. OWNERSHIP OF DOCUMENTS

All drawings, specifications, reports, records, and other work products developed by the **CONSULTANT** in connection with this project are instruments of service for this project only and shall remain the property of the **CONSULTANT** whether the project is completed or not. The **CONSULTANT** shall furnish originals or copies of such work product to the **CLIENT** in accordance with the services required hereunder. Reuse of any of the work product of the **CONSULTANT** by the **CLIENT** on an extension of this project or on any other project without the written permission of the **CONSULTANT** shall be at the **CLIENT'S** risk and the **CLIENT** agrees to defend, indemnify and hold harmless the **CONSULTANT** from all claims, damages, and expenses including attorneys fees arising out of such unauthorized reuse by the **CLIENT** or by others acting through the **CLIENT**. Any reuse or adaptation of the **CONSULTANT'S** work product shall entitle the **CONSULTANT** to equitable compensation.

## ARTICLE 7. INSURANCE

During the course of the services, the **CONSULTANT** shall maintain Workmen's Compensation Insurance in accordance with the Workmen's Compensation laws of the State of Nebraska; Professional Liability Insurance with a minimum coverage of \$1,000,000 per occurrence, \$2,000,000 aggregate; Automobile Liability with a combined single limit coverage of \$1,000,000; and Commercial General Liability of \$1,000,000 per occurrence, \$2,000,000 aggregate. Upon request, the **CONSULTANT** shall provide certificates of insurance to the **CLIENT** indicating compliance with this paragraph.

## ARTICLE 8. TERMINATION

Either the **CLIENT** or the **CONSULTANT** may terminate this Agreement at any time with or without cause upon giving the other party fourteen (14) calendar days prior written notice. The **CLIENT** shall within sixty (60) calendar days of termination pay the **CONSULTANT** for all services rendered and all costs incurred up to the date of termination, in accordance with the compensation provisions of this contract.

## ARTICLE 9. DISPUTES

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

## ARTICLE 10. DESIGN WITHOUT CONSTRUCTION PHASE ENGINEERING SERVICES

If the basic services under this Agreement include design services, but do not include any construction phase engineering services by the **CONSULTANT**, such as construction administration, construction observation, or review of the Contractor's work for general conformance with the Contract Documents, such services shall be provided by the **CLIENT** or others. The **CLIENT** assumes all responsibility for the **CLIENT'S** interpretation of the Construction Documents, for construction administration,

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observation and supervision, and waives any and all claims and liability against the **CONSULTANT** that may be in any way connected thereto.

#### ARTICLE 11. JOBSITE SAFETY

Neither the professional activities of the **CONSULTANT** nor the presence of the **CONSULTANT** or his employees and subconsultants at a construction site, shall relieve the General Contractor(s) or its subcontractor(s), and any other entity of their obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with the Contract Documents and any health or safety precaution required by any regulatory agencies. The **CONSULTANT** and his personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions. Except for employees of the **CONSULTANT**, the **CLIENT** agrees that the General Contractor(s) or its subcontractor(s) are responsible for jobsite safety, and shall include this intent in the **CLIENT's** agreement with the General Contractor(s) and/or subcontractor(s).

#### ARTICLE 12. GOVERNING LAW

Unless otherwise agreed in writing, this Agreement and the interpretation thereof shall be governed by the law of the State of Nebraska.

#### ARTICLE 13. SUCCESSORS AND ASSIGNS

The **CLIENT** and the **CONSULTANT** each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party with respect to all covenants of this Agreement. Neither party shall assign or transfer its interest in this Agreement without the written consent of the other.

#### ARTICLE 14. EXTENT OF AGREEMENT

This Agreement represents the entire and integrated agreement between the parties and supersedes all prior negotiations and representations. Nothing herein shall be deemed to create any contractual relationship between the **CONSULTANT** and any other **CONSULTANT** or contractor or material supplier on the project, nor obligate it to furnish any notices required under other such contracts, nor shall anything herein be deemed to give anyone not a party to this Agreement any right of action against a party which does not otherwise exist without regard to this Agreement.

#### ARTICLE 15. NOTICES

All notices and instructions given by either party to the other shall be in writing, and shall be deemed to be properly served if delivered to the address of record shown below, or if deposited in the United States Mail properly stamped with the required postage and addressed to such party at the address shown below. The date of service of a notice sent by mail shall be deemed to be the day following the date on which said notice is so

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deposited. Either party hereto shall have the right to change its address by giving the other party written notice thereof.

#### ARTICLE 16. STANDARD OF CARE AND INDEMNIFICATION

- 16.1 The **CONSULTANT** shall use reasonable professional skill and judgment in connection with services, hereunder, but does not warrant that such services are without errors and/or omissions. If, during the authorized use and prudent interpretation of documents or advice furnished by the **CONSULTANT**, an error or omission is discovered within a reasonable time, the **CONSULTANT** shall be responsible for correction of any work which must be removed or altered to meet the project requirements, provided the **CONSULTANT** is given a reasonable opportunity to make remedial recommendations and to correct or arrange for the correction of the work itself. The **CONSULTANT** will not be liable for the cost of procurement of work or services performed in correcting such errors and/or omissions where such work or services result in a value to the Project over and above that which the original work or services provided.
- 16.2 In providing opinions of probable construction cost, the **CLIENT** understands that the **CONSULTANT** has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing, and that the opinions of probable construction costs provided herein are to be made on the basis of the **CONSULTANT'S** qualifications, and experience. The **CONSULTANT** makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.
- 16.3 The **CONSULTANT** agrees, to the fullest extent permitted by law, to indemnify and hold the **CLIENT** harmless from any damage, liability or cost (including reasonable attorneys' fees and costs of defense) to the extent caused by the **CONSULTANT'S** negligent acts, errors or omissions in the performance of professional services under this Agreement and those of his or her subconsultants or anyone for whom the **CONSULTANT** is legally liable.

The **CLIENT** agrees, to the fullest extent permitted by law, to indemnify and hold the **CONSULTANT** harmless from any damage, liability or cost (including reasonable attorneys' fees and costs of defense) to the extent caused by the **CLIENT'S** negligent acts, errors or omissions and those of his or her contractors, subcontractors or consultants or anyone for whom the **CLIENT** is legally liable, and arising from the project that is the subject of this Agreement.

#### ARTICLE 17. SPECIAL PROVISIONS

The Contractor agrees to comply with the residency verification requirements of Neb. Rev. Stat. §4-108 through §4-114. The contractor is required and hereby agrees to use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324a, known as the E-Verify Program, or an

equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee.

ACKNOWLEDGMENT OF COMPLETE AGREEMENT: This Agreement includes pages consecutively numbered 1 through 6, and the attachments thereto, identified as:

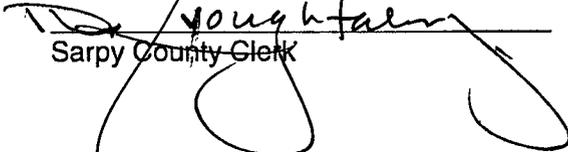
Exhibit A – Proposal Package

IN WITNESS WHEREOF, we the contracting parties, by our respective and duly authorized agents, hereto affix our signatures and seals in duplicate this 23<sup>rd</sup> day of April, 2013.

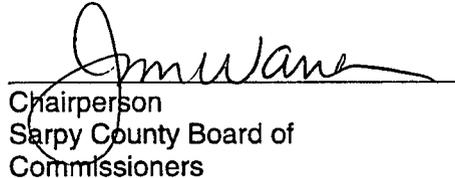
(Seal)



ATTEST:

  
Sarpy County Clerk

COUNTY OF SARPY, NEBRASKA,  
A body Politic and Corporate

  
Chairperson  
Sarpy County Board of  
Commissioners

  
Contractor  
Felsburg Holt & Ullevig

Approved as to form and content:

  
Deputy County Attorney



FELSBURG  
HOLT &  
ULLEVIG

*connecting and enhancing communities*

April 3, 2013

**EXHIBIT A**

RE: Harrison Street Corridor Study

Mr. Dennis L. Wilson, P.E., PhD  
Sarpy County Engineer  
15100 South 84<sup>th</sup> Street  
Papillion, NE 68046-2895

Dear Mr. Wilson:

Thank you for the opportunity to submit this proposal to conduct a corridor study along Harrison Street between 144<sup>th</sup> Street and 204<sup>th</sup> Street. The information used to prepare this proposal is based on discussions with Sarpy County, the City of Omaha and Douglas County at the meeting held on December 18, 2012.

This project will involve data collection efforts from Sarpy County, the City of Omaha and Douglas County as well as FHU. The study will evaluate the following time periods and for each period a list of recommendations will be developed:

- Existing morning and evening peak hours
- Interim Year (5 Years) morning and evening peak hours
- Future Year (2035) for the morning and evening peak hours

A draft report will be prepared summarizing the results of this corridor study and will include graphical illustrations of the study area and analysis.

**Felsburg Holt & Ullevig (FHU)** will be responsible for the contract administration and management of the project, as well as data collection, development of the recommendations, and agency coordination. Principal-in-Charge **Kyle Anderson** and Project Manager **Mark Meisinger** have a wealth of traffic engineering knowledge and have experience with several traffic analyses similar in nature to this project. A detailed scope of services is attached.

We propose to conduct the corridor study on a "time and materials" basis. Under such an agreement, we are compensated on an hourly basis for all labor and other direct costs, such as printing, are reimbursed at a rate of 1.1 times actual cost. The following are our standard hourly billing rates for the personnel expected to be involved in this project:

Principal II	\$185.00/Hour
Engineer III	\$105.00/Hour
Engineer II	\$90.00/Hour
Engineer I	\$80.00/Hour
Graphics	\$110.00/Hour
Clerical	\$70.00/Hour

We have estimated that the corridor study could be completed for a maximum budget of \$34,100. A detailed cost estimate is attached. This amount would be established as a "not to exceed" limit

April 3, 2013  
Mr. Dennis L. Wilson, P.E., PhD  
Page 2

beyond which no charges could be made without your prior approval. The study will be completed within 90 days of receipt of the notice to proceed. Upon receipt of review comments from the City of Omaha, Sarpy County, Douglas County and/or NDOR, FHU will finalize the study within two weeks.

Should the stakeholders require additional intersections or time periods to be included in the study, we will notify you immediately regarding any impact to the cost of the study or the project schedule. If the conditions of this proposal and attached standard contract provisions are acceptable to you, please print and sign two copies of this letter, and mail or fax one copy to us for our files. If you have any questions about this proposal, please give me a call.

Sincerely,  
**FELSBURG HOLT & ULLEVIG**

A handwritten signature in black ink that reads "Kyle A. Anderson". The signature is written in a cursive, flowing style.

Kyle A. Anderson, PE, PTOE  
Principal

O:\Marketing\Proposals\2013 Proposals\Sarpy County Harrison St\_01\_13\Harrison St Study Cover Letter 04.03.13.doc

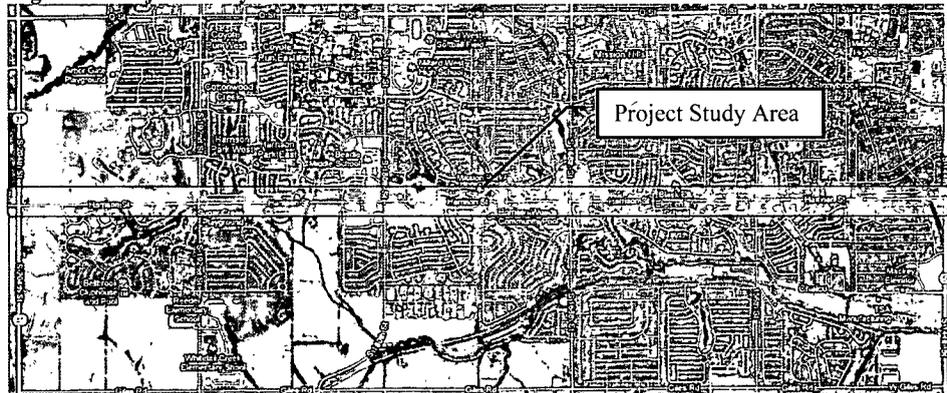
## DESCRIPTION OF PROJECT AND SCOPE OF SERVICES

### HARRISON STREET 144TH STREET TO 204TH STREET CORRIDOR STUDY

#### (A) PROJECT DESCRIPTION

This Scope of Services consists of providing engineering services related to the completion of a corridor study for Harrison Street between 144<sup>th</sup> Street and 204<sup>th</sup> Street (Figure 1).

**Figure 1. Project Study Area**



The corridor study will evaluate existing, interim (5 years), and future year (2035) for engineering acceptability to improve operations and safety on the Harrison Street Corridor. The goal of this study is to identify improvements and outline policies that should be implemented along the Harrison Street corridor to accommodate the future growth and travel within the study area.

#### (B) CONSULTANT RESPONSIBILITIES

##### **Task 1 Data Collection/Travel Time Runs**

Existing travel time runs will be performed through the study area. Travel time runs will be conducted during the morning and evening peak hours on both eastbound and westbound Harrison Street. Travel time runs representing each 15 minute period in the morning and evening peak periods will be collected on two weekdays.

##### *Assumptions*

- Peak-hour traffic counts at the study intersections will be provided to FHU. This information will be used as the base condition for our analysis. Should additional counts be required, FHU is able to provide these services as part of this contract. FHU has assumed that up to 10 additional locations may need to be counted. FHU will contact Sarpy County for approval prior to conducting any counts.

##### **Task 2 Existing Traffic Analysis**

FHU will assess the current level of congestion, measured by level of service (LOS), which is experienced on Harrison Street within the study area boundaries. MUTCD traffic signal warrants will be analyzed at specific unsignalized intersections with Harrison Street (as determined by the project stakeholders).

In order to address the traffic operations along the Harrison Street corridor, the study will include evaluation of the following locations:

*Signalized Intersections*

- Harrison Street & 144<sup>th</sup> Street
- Harrison Street & 156<sup>th</sup> Street
- Harrison Street & 168<sup>th</sup> Street
- Harrison Street & 180<sup>th</sup> Street

*Unsignalized Intersections*

- Harrison Street & 147<sup>th</sup> Street
- Harrison Street & 151<sup>st</sup> Street
- Harrison Street & 157<sup>th</sup> Street
- Harrison Street & 161<sup>st</sup> Avenue (T)
- Harrison Street & 162<sup>nd</sup> Avenue
- Harrison Street & 164<sup>th</sup> Avenue
- Harrison Street & Van Buren Street
- Harrison Street & 177<sup>th</sup> Street
- Harrison Street & 192<sup>nd</sup> Street
- Harrison Street & 204<sup>th</sup> Street

FHU has assumed that up to 10 additional intersection locations may need to be analyzed. FHU will conduct site observations of traffic operations and will work with the project stakeholders to determine which of the following intersections will be included:

*Potential Crossroad Intersections*

- 156<sup>th</sup> Street & Gertrude Street
- 168<sup>th</sup> Street & Monroe Street
- 168<sup>th</sup> Street & Gertrude Street
- 180<sup>th</sup> Street & Drexel Street
- 180<sup>th</sup> Street & Gertrude Street
- 192<sup>nd</sup> Street & Edna Street

*Potential Unsignalized Intersections*

- Harrison Street & 145<sup>th</sup> Street (T)
- Harrison Street & 148<sup>th</sup> Street (T)
- Harrison Street & 150<sup>th</sup> Street
- Harrison Street & 152<sup>nd</sup> Street (2 Ts)
- Harrison Street & 154<sup>th</sup> Street (2 Ts)
- Harrison Street & 167<sup>th</sup> Street
- Harrison Street & 169<sup>th</sup> Avenue (T)
- Harrison Street & 173<sup>rd</sup> Street (T)
- Harrison Street & 178<sup>th</sup> Street
- Harrison Street & 183<sup>rd</sup> Street
- Harrison Street & 185<sup>th</sup> Street
- Harrison Street & 189<sup>th</sup> Street
- Harrison Street & 198<sup>th</sup> Street (or others west of 192<sup>nd</sup>)

*Assumptions*

- Signal timing data for all signalized study area intersections will be provided to FHU.

**Task 3 Traffic Forecasting**

This corridor study will need to take into account the future land uses along Harrison Street. The Metropolitan Area Planning Agency (MAPA) will provide Year 2035 traffic projections which will be used for the interim and future traffic analysis. A straight line growth rate will be applied to the existing traffic counts in order to develop the interim traffic forecasts.

**Task 4 Future Traffic Analysis**

Analysis for the corridor will be performed for an interim year (5 years). Traffic volumes will be analyzed at all study intersections between 144<sup>th</sup> Street and 169<sup>th</sup> Street on Harrison Street to determine an interim traffic control until the roadway is scheduled to be widened to a 5-lane cross-section in 2018. A list of recommendations will be developed for short term improvements.

A future year analysis will also be conducted to determine long term improvements for the corridor. Several alternatives will be evaluated to determine the best long term solution to accommodate the future growth and travel within the corridor study area.

MUTCD traffic signal warrants will be analyzed at the unsignalized intersection of Harrison Street with Van Buren Street, 177<sup>th</sup> Street, 192<sup>nd</sup> Street, and 204<sup>th</sup> Street and up to three additional intersections (from the list of potential intersections) to determine if and/or when signalization warrants are met based on future forecasts.

A policy on intersection spacing and access management for the corridor, primarily west of 180<sup>th</sup> Street, will be developed. This will identify traffic control and access locations associated with future development along the Harrison Street corridor.

**Task 5 Crash Analysis**

FHU will compile the crash history from data provided by Sarpy County, the City of Omaha and Douglas County for the study area. A minimum of three years of the most recently available data will be assessed to identify potential safety concerns along the study corridor.

**Task 6 Corridor Study Report**

A draft report will be prepared summarizing the results of this corridor study and will include graphical illustrations of the study area and analysis. FHU will identify any traffic operational or roadway deficiencies in the study area and will develop recommendations for short term and long term improvements. The draft report will be submitted to the Sarpy County, the City of Omaha and Douglas County for review and comment. We have assumed a period of three weeks for the review of the draft report. Comments received from the agencies will be addressed and incorporated into the final report. The final report will be submitted approximately three weeks after receipt of the draft report comments.

**Task 7 Meetings**

As part of this effort, FHU will attend two meetings with officials representing the City of Omaha, Sarpy County, Douglas County, and the Nebraska Department of Roads (NDOR) if necessary. This will include meetings to review preliminary progress and final results prior to completion of the draft report.

**(C) PROJECT STAKEHOLDERS TO PROVIDE OR COMPLETE**

1. Peak-hour traffic counts at the study intersections.
2. Signal timing data for all signalized study area intersections.
3. Crash Data along the corridor.
4. Provide future year (2035) traffic forecasts.

**(D) SCHEDULE**

1. April 22, 2013 - Notice to Proceed (NTP).
2. April 23, 2013 - Kick-off Meeting, Data Collection.
3. May 6, 2013 - Begin Data Analysis.
4. May 20, 2013 - Alternative Concepts & Analysis.
5. June 12, 2013 - Progress Meeting, Alternative Concepts & Analysis review.
6. June 26, 2013 - Submit Draft Corridor Study Report.
7. July 17, 2013 - Review and Address Comments on Draft Report.
8. July 31, 2013 - Print and Distribute Final Report.

# Harrison Street Corridor Study

## Workhour and Fee Estimate

<i>Task</i>	<i>Principal II</i>	<i>Engineer III</i>	<i>Engineer I</i>	<i>Graphics</i>	<i>Clerical</i>	<i>Total</i>
1. Data Collection / Travel Time Runs	0	8	24	0	8	40
2. Existing Traffic Analysis	2	24	24	0	0	50
3. Traffic Forecasting	2	12	16	0	0	30
4. Future Traffic Analysis	2	24	24	0	0	50
5. Crash Analysis	2	8	24	8	0	42
6. Corridor Study Report	8	32	26	24	2	92
7. Meetings	6	6	6	0	0	18
8. Project Management	0	8	0	0	6	14
<b>Total</b>	<b>22</b>	<b>122</b>	<b>144</b>	<b>32</b>	<b>16</b>	<b>336</b>
<b>Rates</b>	<b>\$185</b>	<b>\$105</b>	<b>\$80</b>	<b>\$110</b>	<b>\$70</b>	
<b>Total Fee</b>	<b>\$4,070</b>	<b>\$12,810</b>	<b>\$11,520</b>	<b>\$3,520</b>	<b>\$1,120</b>	<b>\$33,040</b>
Traffic Counts (locations)	10	4 hr		\$20 /hr		\$800
Printing (sheets)	470	\$0.19				\$89
Mileage for Travel Time Runs	250	\$0.55				\$138
Mileage to Mtg (2 Trips @ 30 Miles)	60	\$0.55				\$33
<b>Total Fee</b>						<b>\$34,100</b>