RESOLUTION APPROVING AND AUTHORIZING CHAIRMAN TO SIGN INTERLOCAL COOPERATION AGREEMENT FOR PROFESSIONAL SERVICES FOR THE CONSTRUCTION OF HARRISON STREET FROM 147TH TO 157TH STREET

WHEREAS, pursuant to Neb. Rev. Stat. §23-104(6), 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, the powers of the County as a body are exercised by the County Board; and,

WHEREAS, pursuant to the Interlocal Cooperation Act, Neb. Rev. Stat. §13-801, et seq., the County and the City of Omaha wish to permit their local government units to make the most efficient use of their powers by enabling them to cooperate with each other on a basis of mutual advantage and thereby to provide services and facilities in a manner and pursuant to forms of governmental organization that will accord best with geographic, economic, population, and other factors influencing the needs and development of local communities; and,

WHEREAS, the population growth in the area of Harrison Street between 147th and 157th Streets has created an increased volume of traffic; and,

WHEREAS, the increased volume of traffic has led to the need to improve and expand the current two-lane roadway to a four-lane roadway; and,

WHEREAS, it is in the best interests of and would be mutually advantageous to both Sarpy and Omaha to complete improvements to Harrison Street between 147th and 157th Street at this time; and,

WHEREAS, the County, City of Omaha, and Douglas County have previously entered into an Interlocal Cooperation Agreement for the purpose of collaborating to design improvements to Harrison Street from 147th to 157th Streets pursuant to Resolution 2014-238; and,

WHEREAS, the County and the City of Omaha wish to enter into an agreement which outlines the respective responsibilities of each Party regarding the needed improvements to Harrison Street between 147th and 157th Streets.

NOW THEREFORE, BE IT RESOLVED by the Sarpy County Board of Commissioners that pursuant to the statutory authority set forth above, the Board hereby approves and adopts the Interlocal Cooperation Agreement for Professional Services for the Construction of Harrison Street from 147th to 157th Streets with the City of Omaha, a copy of which is attached hereto, and any other related documents, the same being approved and adopted by the Board.

The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with the applicable law on the 30th day of January, 2018.

Attest

SEAL

[Signature]
Sarpy County Board Chairman

[Signature]
County Clerk
MEMORANDUM

To: Sarpy County Board of Commissioners
From: Dennis L. Wilson, P.E., PhD, County Engineer
Subject: C-77(09-1) Harrison Street from 157th St to 147th St
Date: January 24, 2018

The Sarpy County Engineer recommends the approval of the Resolution Authorizing the Chairman to sign the Interlocal Agreement with the City of Omaha for a 50/50 cost share for public outreach, material testing, construction engineering and project construction of Harrison Street from 147th Street to 157th Street.

Costs associated with this agreement:

Exhibit B, Construction Inspection and Staking(city personnel) $982,755.98
Exhibit A Public Outreach (Olsson per res. 2017-327) $185,000.00
Exhibit A Material Testing (Olsson per res. 2017-238) $188,000.00
Project Construction (Vrana Const.per resolution 2017-354) $9,741,669.60

DLW/bjh
INTERLOCAL COOPERATION AGREEMENT FOR PROFESSIONAL SERVICES FOR THE CONSTRUCTION OF HARRISON STREET 147TH TO 157TH STREET

This Agreement is made and entered into on January 30th, 2018, by and between the County of Sarpy, Nebraska ("Sarpy") and the City of Omaha, Nebraska ("Omaha"). Collectively, Sarpy and Omaha are hereinafter sometimes referred to as the "Parties".

WHEREAS, the Parties are political subdivisions, duly authorized and existing under the laws of the State of Nebraska; and,

WHEREAS, the population growth in the area of Harrison Street between 147th and 157th Streets has created an increased volume of traffic; and,

WHEREAS, this increased volume of traffic has led to the need to improve and expand the current two-lane roadway to a four-lane roadway; and,

WHEREAS, it is in the best interest of and would be mutually advantageous to both Sarpy and Omaha to complete improvements to Harrison Street between 147th and 157th Streets at this time; and,

WHEREAS, the Parties wish to enter into an agreement which outlines the respective responsibilities of each Party regarding the improvements to Harrison Street between 147th and 157th Streets; and,

WHEREAS, pursuant to the Interlocal Cooperation Act, Neb. Rev. Stat. §13-801, et seq., the Parties wish to permit their local government units to make the most efficient use of their powers by enabling them to cooperate with each other on a basis of mutual advantage and thereby to provide services and facilities in a manner and pursuant to forms of governmental organization that will accord best with geographic, economic, population, and other factors influencing the needs and development of local communities.

NOW, THEREFORE, in consideration of the covenants herein set forth, it is agreed by and between the Parties, as follows:

I. Incorporation of Recitals. The recitals set forth above are, by this reference, incorporated into and deemed part of this Agreement.

II. Definitions.
   a. Actual Total Cost. Actual Total Cost shall be the complete final cost of construction of the Improvements and shall include the testing expenses, construction administration, and related fees and expenses for the road construction improvements contemplated within this Agreement. Actual Total Cost shall not include any costs for attorney’s fees, accounting, financing, or acquisition of financing incurred by any Party.
b. Certified Costs. Those Project costs certified by City of Omaha which are due and payable during the pendency of construction of the Project.

c. Construction Manager. The City of Omaha shall act as Construction Manager and be responsible for the staking and inspections required for the Project. The outline of services and associated costs provided by Construction Manager is attached as Exhibit “B”.

d. Consultant. The Construction Engineering Services Consultant retained by Sarpy to provide services as provided in Scope of Services documents attached hereto as Exhibit “A”.

e. Project. The road improvements to Harrison Street from approximately 147th Street to 157th Street generally consisting of grading, drainage, curb and gutter relocation of utilities, alignment, construction, construction management, construction administration, installation of storm sewers and other drainage facilities, fencing, noise abatement walls, sidewalks, and paving for four lanes of traffic, as further described within the two (2) Scope of Services documents attached hereto and incorporated by reference as Exhibit “A”.

III. **Purpose.** The purpose of this Agreement is to share the cost for the improvements to Harrison Street between 147th and 157th Streets (“Project”), located in the jurisdiction of both Parties.

IV. **Designation of Lead Agency.** Sarpy shall be the Lead Agency for purposes of completion of the Project.

V. **Plans and Specifications.** Parties acknowledge that plans and specifications for the Project have been completed by Sarpy’s Design Consultant and are available on file with the Sarpy County Public Works Department as stamped plans dated August 18, 2017. Parties have previously entered into an Interlocal, dated August 12, 2014, to allocate the costs of those design services.

VI. **Project Management.** A Consultant has been selected for Scope of Services shown in Exhibit “A”, and Sarpy has entered into the appropriate contract with said Consultant. The Contract as entered into shall and does conform to the terms of the Exhibit “A” as attached. As defined above, the City of Omaha shall act as Construction Manager and shall perform the duties and services outlined in the Scope of Services attached as Exhibit “B”.

VII. **Construction.** Subject to the conditions and provisions hereinafter specified, as Lead Agency, Sarpy agrees to cause the Project to be constructed in accordance with the final plans and specifications. Further, Sarpy has conducted public bidding to find a Construction Contractor for the Project pursuant to the below criteria.

a. All construction work occasioned by this Agreement shall be performed by a competent contractor furnishing the lowest and best bid as determined pursuant to formal bidding requirements in accordance with the laws of the State of Nebraska.
b. All contractors performing work on the Project pursuant to this Agreement shall furnish a performance bond to Sarpy, which shall remain in full force and effect and until acceptance of construction and which, in part, shall provide for the good and faithful performance of the construction contract, plans and specifications by contractor, for compliance by contractor with all applicable laws, for payment of material, labor and rentals, and for the payment of the unemployment payment to the Department of Labor of the State of Nebraska as provided by law.

c. All contracts with third parties pertaining to the construction of Improvements shall, in part, provide full and faithful adherence to the plans and specifications for the work, partial payments during construction based upon work completed and certified by the Construction Manager for final payment upon completion and certification by the Parties in accordance with this Agreement.

VIII. Maintenance of Improvements. The maintenance of all improvements shall be completed pursuant to the current maintenance responsibilities agreement between Sarpy and Omaha.

IX. Allocation and Payment of Construction Costs.

a. Payment for the Actual Total Costs of the Project shall be made by each of the Parties hereto in accordance with the terms of this Agreement. Actual Total Costs of the Project shall be split equally between the Parties, with Sarpy to pay 50% and Omaha to pay 50% of the Project costs.

b. As Lead Agency, Sarpy may initially pay for a portion of the Certified Costs not related to Construction Management. Sarpy shall invoice Omaha for its respective share of these Certified Costs, which Omaha shall pay within thirty (30) days after receipt of such invoice. Upon completion of construction of the Project, Sarpy will submit a final invoice to Omaha for their respective share of the Actual Total Costs of the Project. Omaha shall pay said final invoice within thirty (30) days after receipt of such invoice.

c. As Construction Manager, Omaha may initially pay for a portion of the Certified Costs related to Construction Management. Omaha shall invoice Sarpy for its respective share of these Certified Costs, which Sarpy shall pay within thirty (30) days after receipt of such invoice. Upon completion of construction of the Project, Omaha will submit a final invoice to Sarpy for their respective share of the Actual Total Costs of the Project. Sarpy shall pay said final invoice within thirty (30) days after receipt of such invoice.

d. The Project will be financed as may be provided for by law for each of the respective Parties. Neither Party shall be responsible for the financing costs or costs associated with the acquisition of financing incurred by the other Party.

X. Timing. It is the mutual desire and intention of the Parties that the Project shall be commenced approximately no later than November 6, 2017, with an estimate of completion of construction by November 15, 2019. Accordingly, the Parties hereby
agree to cooperate with each other and make reasonable, good faith efforts to perform their obligations hereunder in a timely manner in accordance with the Project Schedule as it is developed by the Construction Contractor.

XI. **Records.** The Consultant, as agent for Sarpy, shall maintain records of all construction costs incurred by Sarpy in connection with the Project, and Omaha shall have the right to audit and review such records at any time to assure that such records are accurate. Further, the Construction Manager shall maintain records of all construction costs incurred by Omaha in connection with the Project, and Sarpy shall have the right to audit and review such records at any time to assure that such records are accurate.

XII. ** Entire Agreement.** This instrument contains the entire Agreement of the Parties and shall be binding upon the successors and assigns of the respective Parties. No amendments, deletions, or additions shall be made to this Agreement except in writing signed by all Parties.

XIII. **Term and Termination.** This Agreement shall expire upon the performance of all the obligations of the Parties as described herein.

XIV. **Representations.** Each Party hereto represents and warrants to the other that (i) it has all necessary right, power and authority to enter into this Agreement, and (ii) the execution and delivery of this Agreement and the performance and observance of all obligations and conditions to be performed or observed by such Party have been duly authorized by all necessary action on behalf of such Party.

XV. **No Separate Entity.** No separate legal or administrative entity will be created hereunder. Existing agents of the respective Parties will complete the terms of this Agreement. It shall be administered jointly by the Parties, through a representative to be designated by each Party. There shall be no jointly held property as a result of this Agreement. Each Party shall separately finance and budget its own obligation under this Agreement. This Agreement does not authorize the levying, collecting, or accounting of any tax.

XVI. **No Relief from Legal Obligations.** Pursuant to Neb. Rev. Stat. §13-804(5), the Parties hereto acknowledge, stipulate, and agree that this Agreement shall not relieve any public agency of any obligation or responsibility imposed upon it by law.

XVII. **Insurance.** Each Party warrants that it currently holds and shall maintain during the pendency of the Project, adequate insurance coverage including, but not limited to, general liability and worker's compensation insurance; or, that it is self-insured as a political subdivision of the State of Nebraska.

XVIII. **Mutual Indemnification.** Each Party agrees it is responsible for its own Officers, Agents, and Employees in performing this agreement, and hereby agree to indemnify and hold harmless, to the full extent allowed by law, the other Party, its Officers, Agents, and Employees, from and against all losses, claims, damages, and expenses, that may result from any intentional or negligent acts or omissions of the Parties, their Officers, Agents, or Employees in performing this agreement.
XIX. **Conflict of Interest.** Pursuant to Neb. Rev. Stat. §23-3113, the Parties hereto declare and affirm that no officer, member or employee, and no member of their governing bodies, and no other public official of parties who exercises any functions or responsibilities in the review or approval of the undertaking described in this Agreement or the performing of either Parties' obligations pursuant to this Agreement, nor any partnership, or association in which he or she is directly or indirectly interested, shall have any personal or financial interest in the Agreement; nor shall any employee, nor any member of their governing bodies, have any interest, direct or indirect, in this Agreement or the proceeds thereof. Further, the Parties warrant to each other that they have not employed nor retained any company or person, other than a bona fide employee working solely for the Parties to this Agreement to solicit or secure this contract, and that they have not paid or agreed to pay any company or person other than a bona fide employee working solely for the Parties, any fee, commissions, percentage, brokerage fees, gifts or other consideration, contingent upon or resulting from the award or making of this contract. Additionally, pursuant to Section 8.05 of the Home Rule Charter of the City of Omaha, no elected official or any officer or employee of the City shall have a financial interest, direct or indirect, in any City Agreement. Any violation of this section with the knowledge of the person or corporation contracting with the City shall render the Agreement voidable by the Mayor or Council of the City of Omaha.

XX. **Choice of Law.** This Agreement shall be governed in all respects by the laws of the State of Nebraska.

XXI. **Severability.** It is understood and agreed by the Parties hereto that if any part, term, condition or provision of this Agreement is held to be illegal or in conflict with any law of this State or of the United States, the validity of the remaining parties, terms, conditions, or provisions shall not be affected, and the rights and obligations of the Parties shall be construed and enforced as if the contract did not contain the particular part, term, condition, or provisions held to be invalid.

XXII. **Drug-Free Workplace.** The Parties hereto certify that they maintain a drug-free workplace environment to ensure worker safety and workplace integrity.

XXIII. **New Employee Work Eligibility Status.** The Parties agree to comply with the residency verification requirements of Neb. Rev. Stat. §4-108 through §4-114. The Parties are required and hereby agree 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 designed by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee.
XXIV. **Non-Discrimination.** The Parties hereto agree that they and their sub-contractors will not discriminate against any employee or applicant for employment to be employed in the performance of this contract with respect to his or her hire and conditions of employment because of his or her race, color, creed, religion, sex, marital status, sexual orientation, gender identity, age, disability, or national origin.

XXV. **Counterparts.** This Agreement may be executed in counterparts, each of which will be deemed an original and all of which together will constitute one Agreement. The signature page of any counterpart may be detached therefrom without impairing the legal effect of the signature(s) thereon provided such signature page is attached to any other counterpart identical thereto.

[Remainder of Page Intentionally Blank. Signature Pages to Follow.]
IN WITNESS WHEREOF, this Agreement has been executed by a duly authorized official of Sarpy and Omaha, each of whom hereby represents and warrants that he has the full power and authority to execute this Agreement in such capacity, all as of the day and year first written above.

Executed by Sarpy County this ___ day of __________, 2018.

Attest:

Sarpy County Clerk

Chairperson, Board of Commissioners

Approved as to form:

Deputy Sarpy County Attorney
Executed by the City of Omaha this 15th day of March 2018.

Attest: CITY OF OMAHA,
Nebraska.

[Signature]
Omaha City Clerk

[Signature]
Mayor

Approved as to form:

[Signature]
Assistant City Attorney
Honorable President

and Members of the City Council,

Transmitted herewith is a Resolution approving an Interlocal Agreement between the City of Omaha and Sarpy County, to provide for cost sharing for professional services on improvements to Harrison Street, known as Sarpy County project C-77(09-1). This project is being undertaken as a part of the 2018-2023 Capitol Improvements Program Project 2008T411.

The Project includes the corridor of Harrison Street from 147th Street to 157th Street, and will be comprised of the reconstruction of Harrison Street to a four-lane urban roadway section, including approximately 1/3 mile of 156th Street as it approaches Harrison Street from the north and south. Sarpy County has provided services as the lead agency and has selected Charles Vrana and Sons as the general contractor for construction of the improvements according to the applicable State and local rules for procurement. According to the current cost share as listed in the attached Agreement, Omaha will reimburse Sarpy County for 50% of the cost of the construction phase services, including materials testing, construction engineering and public outreach. This phase of the project is currently estimated at $11,097,425.58, with Omaha’s portion currently estimated to be $5,548,712.79. This cost is scheduled to be paid from the 2014 Transportation Bond Fund 13184, Organization 117117.

The Public Works Department requests your consideration and approval of the attached Resolution and Interlocal Agreement.

Respectfully submitted,  

Robert G. Stubbe, P.E.  
Public Works Director

Approved as to Funding:

Stephen B. Curtiss  
Finance Director  

3128htp
RESOLVED BY THE CITY COUNCIL OF THE CITY OF OMAHA:

WHEREAS, the City of Omaha and Sarpy County, Nebraska have jurisdictional boundaries along the Harrison Street Corridor between 147th Street and 157th Street; and,

WHEREAS, the parties desire to cost share in a project to reconstruct the roadway to improve it to a four-lane urban roadway section along this corridor, identified as Sarpy County Project C-77(09-1), and as a part of the Omaha 2018-2023 Capitol Improvements Program Project 2008T411; and,

WHEREAS, Sarpy County will act as lead agency in the work with the City of Omaha, providing respective cost shares for the public involvement and construction phase services for this project according to the attached Interlocal Agreement, which by this reference becomes a part hereof.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF OMAHA:

THAT, as recommended by the Mayor, the Interlocal Agreement between the City of Omaha and Sarpy County, Nebraska for public involvement and construction phase services on the reconstruction of Harrison Street between 147th Street and 157th Street, is hereby approved; and

THAT, the Finance Department is authorized to pay the cost share in the amount of 50% of the cost of said services, which cost share is currently estimated to be $5,548,712.79, from the 2014 Transportation Bond Fund 13184, Organization 117117.

3127htp

APPROVED AS TO FORM:

\[Signature\] 2-23-18
CITY ATTORNEY DATE

By .................................................. Councilmember

MAR 13 2018 7-0

Adopted ...........................................
City Clerk

Approved ........................................
Mayor
RESOLUTION AUTHORIZING CHAIRMAN TO SIGN SUPPLEMENTAL AGREEMENT #2 TO PROFESSIONAL SERVICES FOR SARPY COUNTY PROJECT C-77(09-1) HARRISON STREET FROM 147TH STREET TO 157TH STREET IN SARPY COUNTY

WHEREAS, pursuant to Neb. Rev. Stat. 23-104(6), 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, the powers of the County as a body are exercised by the County Board; and,

WHEREAS, the County and OLSSON ASSOCIATES have previously executed an Engineering Agreement via Resolution 2014-174, said project is for the improvements to Harrison Street from 147th Street to 157th Street in Sarpy County, and,

WHEREAS, County and OLSSON ASSOCIATES wish to enter into Supplemental Agreement #2 which outlines modifications and/or additional duties for the project.

NOW THEREFORE, BE IT RESOLVED by the Sarpy County Board of Commissioners that pursuant to the statutory authority set forth above, the Supplemental Agreement #2 with OLSSON ASSOCIATES for professional services for the improvements to Harrison Street from 147th Street to 157th Street in Sarpy County, Nebraska, a copy of which is attached hereto, is hereby approved.

BE IT FURTHER RESOLVED that the Chair and the Clerk are hereby authorized to execute said agreement on behalf of Sarpy County, Nebraska.

The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with the applicable law on the 12th day of August, 2017.

[Signatures]

Exhibit A
MEMORANDUM

To: Sarpy County Board of Commissioners
From: Dennis L. Wilson, P.E., PhD, County Engineer
Subject: Olsson and Associates for Professional Services
Date: September 5, 2017

I recommend approval of the Resolution Authorizing the Chairman to sign the Second amendment to Interlocal Agreement with the City of Omaha and Douglas County, for professional services for Sarpy County Project C-77(09-1) Harrison Street from 157th St to 147th St.

DLW/bjh
SCOPE OF SERVICES
Supplemental #2

This exhibit is hereby attached to and made a part of the Letter Agreement for Professional Services dated May 2, 2014 between Sarpy County ("Client") and Olsson Associates ("Olsson") providing for professional services. Olsson's Scope of Services for the Agreement is indicated below.

PROJECT DESCRIPTION AND LOCATION

Project will be located at: 147th Street to 157th Street

Project Description: Sarpy County - Harrison Street Improvements
Project No. C 77(09-1)

Scope of Services

GENERAL

Olsson shall perform for Client professional services in all phases of the Project to which this Agreement applies as hereinafter provided. These services will include serving as Client’s professional representative for the Project, providing professional consultation and advice and furnishing customary services incident thereto.

This project includes work associated with project management, public involvement, survey, utility coordination, drainage analysis, traffic engineering, roadway design, environmental documentation, noise analysis, geotechnical engineering, and right-of-way services for final design of a 4-lane urban roadway section on Harrison Street between 147th Street and 157th Street. Improvements will include approximately 3/4 mile of 155th Street, or approximately 800 feet north and south of the intersection, and reconstruction of adjacent side roads as required connecting the new roadway section on Harrison Street. The design will conform to applicable City of Omaha and State requirements and will be designed using English Units.

The following is a summary of the supplemental tasks associated with this project.

TASK 1 - PROJECT MANAGEMENT

a. Contract Administration/Scheduling & Coordination of Design Professionals - This task includes time for overall management and coordination of the project team, coordination with Client staff, coordination with key stakeholders, as it relates the subsequent task items.
TA:SK 2 - ROADWAY DESIGN

In general, the out of scope efforts described below occurred after the original 90% submission, resulting in modifications to plans late in the process. Additional detail is provided below.

a. **Modification to access off 156th Street** - Following a coordination meeting with Mill's Mini Storage representatives, a request was made to provide a small turn lane into the 156th Street access drive. This required additional design effort for the 90% design. Modifications to the existing plan sheets are necessary for the following:
   - Joints & Grades
   - Geometrics
   - Removals
   - Construction
   - Plan and Profiles
   - Sediment & Erosion Control
   - Pavement Markings
   - Roadway Cross Sections

b. **Revisions to Phasing Plans** - Based on funding constraints associated with fiscal year cash flows for the City and County, multiple phasing options were investigated and presented to the Client. This required breaking out the quantities and cost estimates into various sub-phases to be able to mix and match to meet the desired cash flow constraints. Upon approval from the Client on desired phasing option, additional effort to modify the phasing plans accordingly was necessary.

c. **Modifications to Storm Sewer per Utility Conflicts** - Follow up coordination with Metropolitan Utilities District (MUD) has required additional modification to the proposed storm sewer in approximately five (5) locations. Primarily related to conflicts with water and gas mains along the project, requiring adjusting flowlines and pipe slopes. Additionally, several locations have been identified by MUD and the Health and Human Services Department (HHS) as requiring variances from the 10-State Standards for separation between water mains and sewer lines. This requires additional coordination with MUD, as well as development of additional bid items, special provisions, and identification within the bid plans, to address this issue.

d. **Revisions per ROW negotiations** - The plans and specifications require modifications based on the right-of-way negotiations. Specifically, for the phase 1 tracts, additional information on tracts with sprinkler systems, tracts requesting temporary fences, and impacted features identified that were not present in the original survey, will be incorporated into the final bid plans and specifications. This task is assumed to occur for the later phased tracts as well, once appraisals and negotiations begin; however, these revisions are proposed to be covered under the construction services amendment.

e. **Lighting plans** - The interconnect plans will incorporate the proposed lighting plan from OPPD, locating light pole bases and conduit runs between. Quantities will be included.

f. **QA/QC** - This included effort to conduct internal quality reviews of the additional design and plan sets during the design of the project.
a. Public Involvement Planning Meetings (8 Meetings) – The Consultant will meet with project team members to develop public involvement strategies. The Consultant shall be responsible for distributing meeting invitations, coordinating meeting locations, and preparing meeting minutes. Meetings with project team should occur prior to public open house, community events, and commission meetings. Monthly report to client to highlight activities, review methods and adjust for effectiveness.

b. Public Involvement Plan – The Consultant will develop a public involvement plan for review and approval by project team members. The plan should include dates of anticipated meetings, anticipated forms of communication with the public (i.e. website, newsletter, door hangers, etc.), and a database of adjacent property owners and other project stakeholders. All information to be sent to the public or posted to the web shall be reviewed by the County’s Project manager prior to distribution. The information will be submitted for review a minimum of one week prior to publication.

c. Project Events (1) – The Consultant will coordinate one public event for the project. This informal event may be a ground breaking ceremony at the beginning of the project or a ribbon cutting ceremony at the completion of the project. This event will be onsite or near the project site. Consultant will provide invitations, informational items and light refreshments.

d. Project Signs (2) – The Consultant will coordinate and produce two project information signs to inform the public on the general project schedule, scope of the work, and where to find more information about the project. Final contact and sign location will be reviewed and approved by the County’s Project Manager.

e. Database Development / Maintenance – The Consultant will develop and maintain a database of project stakeholders to include residents, property owners, organizations, agencies, City officials, project team members and other parties who may be interested in or impacted by the project. The database shall identify stakeholder names, telephone numbers, addresses, tract numbers, conversation dates and other pertinent information. A copy of the database shall be given to the County, if requested. The Consultant will also serve as the point of contact for public involvement and information, and will keep a record of all public contacts and inquiries regarding this project.

f. Key Stakeholder Monthly update meetings (24 Meetings) – The Consultant and County staff will identify key project stakeholders for participation in monthly information meetings during the construction of the project. The Consultant shall be responsible for distributing meeting invitations, coordinating meeting locations, facilitating, and preparing meeting minutes.
g. County Commission and elected official briefings (2 County commission, 1 City Council meeting) – At the request of the County’s Project Manager, the Consultant will attend two County Board meetings and one City of Omaha council meeting to report on project progress and answer questions. The Consultant will prepare elected official project briefing books twice during the project at times determined by the County’s Project Manager.

h. Open Houses (3 Meetings) – The Consultant will schedule, arrange, and facilitate three public open houses to be held at the beginning of each construction season. The Consultant shall draft a newspaper notice of the open house to be reviewed by the County’s Project Manager, who will follow local publishing and posting requirements. The County’s Project Manager will coordinate with the Omaha World-Herald. The notice of the open houses will be published 10 days prior to the event in the Omaha World-Herald. County will be responsible for coordinating the Dynamic Messaging sign for the public meetings.

During the public meeting, County staff and the Consultant will be available to answer questions and receive comments. The Consultant will provide and maintain a sign-in list and comment forms for the open houses and prepare a written summation of the oral and written comments received. The Consultant shall provide any necessary follow-up.

i. Newsletters/Informational Materials – The Consultant will develop and reproduce 2 newsletters throughout the course of the project. Newsletters shall be mailed to all project stakeholders and posted to the project website. The Consultant shall also develop other informational materials such as door hangers, postcards, or individual letters to property owners as requested by the County’s Project Manager. All informational materials shall be reviewed and approved by the County’s Project Manager prior to printing.

j. Web Site Development – The Consultant will develop and maintain a website for this project. The website can reside on the Consultant’s web page, but must be linked to the County’s web page and must adhere to the County’s standards in regards to content and appearance. The Consultant shall review and update the website at a minimum monthly and will post/update open house information within 48 hours of open houses being scheduled.

k. Social Media – The Consultant will develop and maintain a social media site such as Twitter for the project. The social media site will be linked to the website and content updated frequently. Content may include groundbreaking, project meeting dates, stakeholder updates, construction schedule, seasonal postings, lane closers, limited access and other timely messages.

l. Final Public Involvement Report / Documentation – The Consultant will write a final report documenting the public involvement process. The report shall include tools and techniques utilized, numbers of citizens participating, meeting minutes, a list of meeting attendees, and general description of public reaction.
COMPENSATION

Client shall pay to Olsson for the performance of the Scope of Services, the actual time of personnel performing such services, and all actual reimbursable expenses in accordance with the Labor Billing Rate Schedule and the Reimbursable Expense Schedule attached to this Agreement. This amount shall not exceed $185,000 without prior approval from Client. Olsson shall submit invoices on a monthly basis and payment is due within 30 calendar days of invoice date.

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SCHEDULE

This project scope and budget has been developed for a project duration of an estimated 28 months from notice to proceed (NTP) with an end date of November 15, 2019.

OLSSON ASSOCIATES, INC.

By [Signature]  
Jeffrey C. Ford, Executive Vice President

Michael C. Piernicky, Vice President

If you accept this Scope of Services, please sign:

SARPY COUNTY

By [Signature]  
Don Kelly

Dated: 9/12/17

Attachments
Labor Billing Rate Schedule
Reimbursable Expense Schedule
# LABOR BILLING RATE SCHEDULE 2017

## LABOR RATES

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<thead>
<tr>
<th>Description</th>
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<td>Project Professional</td>
<td>105 - 186</td>
</tr>
<tr>
<td>Assistant Professional</td>
<td>70 - 143</td>
</tr>
<tr>
<td>Designer</td>
<td>101 - 184</td>
</tr>
<tr>
<td>CAD Operator</td>
<td>50 - 109</td>
</tr>
<tr>
<td>Survey</td>
<td>58 - 147</td>
</tr>
<tr>
<td>Construction Services</td>
<td>53 - 189</td>
</tr>
<tr>
<td>Administrative/Clerical</td>
<td>47 - 107</td>
</tr>
</tbody>
</table>

**Note:**

1. Special Services not included in above categories will be provided on a Special Labor Rate Schedule.
2. Rates subject to change based upon updates to Billing Rates for upcoming year.

Please contact the Project Manager for special services not included above (e.g., SPIN, SRVY, NDTT, DRIL, etc.) and they will provide their Special Services Labor Rate Schedule for you to include with your Agreement.
## CURRENT REIMBURSABLE EXPENSE DETAIL

### Travel

<table>
<thead>
<tr>
<th>Personal Vehicles</th>
<th>0.635 /mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suburb/In/Pluckups</td>
<td>0.75 /mile</td>
</tr>
<tr>
<td>Airfare</td>
<td>Cost +10%</td>
</tr>
<tr>
<td>Rental Cars</td>
<td>Cost +10%</td>
</tr>
<tr>
<td>Hotels</td>
<td>Cost +10%</td>
</tr>
<tr>
<td>Meals</td>
<td>Cost +10%</td>
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</tbody>
</table>

### Under 150 Miles

<table>
<thead>
<tr>
<th>Supplies</th>
<th>Cost +10%</th>
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</thead>
<tbody>
<tr>
<td>Outside Billings</td>
<td>Cost +10%</td>
</tr>
<tr>
<td>Telephone</td>
<td>Cost +10%</td>
</tr>
<tr>
<td>Consultants</td>
<td>Cost +10%</td>
</tr>
<tr>
<td>Laboratory</td>
<td>Cost +10%</td>
</tr>
</tbody>
</table>

### Survey Supplies & Equipment*

<table>
<thead>
<tr>
<th>Survey Supplies</th>
<th>Estimated Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood Lath - Various S.</td>
<td>0.70 /each*</td>
</tr>
<tr>
<td>Wood Guards (1x2x12)</td>
<td>0.35 /each*</td>
</tr>
</tbody>
</table>

### Office Expenses*

<table>
<thead>
<tr>
<th>KIP Vellum</th>
<th>0.70 /each</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIP Film-Mylar</td>
<td>3.00 /sq ft</td>
</tr>
<tr>
<td>HP DesignJet BW - Bond</td>
<td>0.20 /sq ft</td>
</tr>
<tr>
<td>HP DesignJet BW - Film-Mylar</td>
<td>3.00 /sq ft</td>
</tr>
<tr>
<td>Large Format Print-Color</td>
<td>2.50 /sq ft</td>
</tr>
<tr>
<td>Large Format Print-Presentation</td>
<td>5.00 /sq ft</td>
</tr>
</tbody>
</table>

### Field Tests*

<table>
<thead>
<tr>
<th>Field Tests</th>
<th>Estimated Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregate</td>
<td>30.00 /test</td>
</tr>
<tr>
<td>Concrete</td>
<td>65.00 /test</td>
</tr>
<tr>
<td>Troxler Nuclear Density Gauge</td>
<td>26.00 /test</td>
</tr>
<tr>
<td>(Compaction Tests)</td>
<td>100.00 /day max</td>
</tr>
<tr>
<td>Cylinder Breaks</td>
<td>10.00 /break</td>
</tr>
<tr>
<td>Cylinder Breaks Reserve</td>
<td>4.00 /each</td>
</tr>
</tbody>
</table>

### Estimated Costs

<table>
<thead>
<tr>
<th>Pipe</th>
<th>5.25 /each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flagging Tape</td>
<td>1.50 /roll</td>
</tr>
<tr>
<td>Paint</td>
<td>4.40 /can</td>
</tr>
<tr>
<td>Rebar (1/2&quot;)</td>
<td>1.20 /each</td>
</tr>
<tr>
<td>Rebar (3/4&quot;)</td>
<td>1.76 /each</td>
</tr>
<tr>
<td>Rebar (5/8&quot;)</td>
<td>1.88 /each</td>
</tr>
</tbody>
</table>

### Equipment

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Estimated Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPS</td>
<td>25.00 /hour</td>
</tr>
<tr>
<td>EDM (Total Station-A)</td>
<td>10.00 /hour</td>
</tr>
<tr>
<td>EDM (Total Station-B)</td>
<td>5.00 /hour</td>
</tr>
<tr>
<td>4-WD ATV</td>
<td>80.00 /day</td>
</tr>
</tbody>
</table>

*This does not reflect a complete list of items that are chargeable by OA. Costs subject to change.

Shaded costs are estimates only and vary by region. Consult your local survey team for current billing rates.
RESOLUTION AUTHORIZING CHAIRMAN TO SIGN SUPPLEMENTAL AGREEMENT #3 TO PROFESSIONAL SERVICES FOR SARPY COUNTY PROJECT C-77(09-1) HARRISON STREET FROM 147TH STREET TO 157TH STREET IN SARPY COUNTY

WHEREAS, pursuant to Neb. Rev. Stat. 23-104(6), 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, the powers of the County as a body are exercised by the County Board; and,

WHEREAS, the County and OLSSON ASSOCIATES have previously executed an Engineering Agreement via Resolution 2014-174, said project is for the improvements to Harrison Street from 147th Street to 157th Street in Sarpy County, and,

WHEREAS, County and OLSSON ASSOCIATES wish to enter into Supplemental Agreement #3 which outlines modifications and/or additional duties for the project.

NOW THEREFORE, BE IT RESOLVED by the Sarpy County Board of Commissioners that pursuant to the statutory authority set forth above, the Supplemental Agreement #3 with OLSSON ASSOCIATES for professional services for the improvements to Harrison Street from 147th Street to 157th Street in Sarpy County, Nebraska, a copy of which is attached hereto, is hereby approved.

BE IT FURTHER RESOLVED that the Chair and the Clerk are hereby authorized to execute said agreement on behalf of Sarpy County, Nebraska.

The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with the applicable law on the 12th day of August, 2017.

September

Attest

SEAL

[Signature]
Sarpy County Board Chairman

[Signature]
County Clerk

Exhibit A
MEMORANDUM

To: Sarpy County Board of Commissioners
From: Dennis L. Wilson, P.E., PhD, County Engineer
Subject: Olsson and Associates for Professional Services
Date: September 5, 2017

I recommend approval of the Resolution Authorizing the Chairman to sign the Third amendment to Interlocal Agreement with the City of Omaha and Douglas County, for Construction services for Sarpy County Project C-77(09-1) Harrison Street from 157th St to 147th St.

DLW/bjh
SCOPE OF SERVICES
Supplemental #3

This exhibit is hereby attached to and made a part of the Letter Agreement for Professional Services dated May 2, 2014 between Sarpy County ("Client") and Olsson Associates ("Olsson") providing for professional services. Olsson's Scope of Services for the Agreement is indicated below.

PROJECT DESCRIPTION AND LOCATION

Project will be located at: 147th Street to 157th Street

Project Description: Sarpy County – Harrison Street Improvements
Project No. C 77(09-1)
Engineering Services

Olsson Associates Project # 014-1274

SCOPE OF SERVICES

Olsson shall provide the following services (Scope of Services) to Client for the Project:

TASK 1 – PROJECT MANAGEMENT (CE Services)

a. Project Management – This task includes additional time for, but is not limited to contract management, invoicing, coordination with Client, and all other general project management tasks as required for the Construction Engineering Services of this project. Additionally, effort in assisting the Client in coordination and closing of permits associated with the project.

b. Progress Meetings & Field Visits – Attend weekly progress meetings as Project Engineer to address issues, provide clarifications, and review progress. Visit the site to address site specific issues that may arise. Anticipate 80 progress meetings and 15 site visits.


TASK 2 – DESIGN MODIFICATIONS

This task includes effort for potential design or plan modifications associated with field revisions resulting from changes in field conditions, conflict with unforeseen utilities, or other items. This task will only be used upon approval from the County representatives.
TASK 3 - CONSTRUCTION MATERIALS' TESTING

Olsson is not responsible for the Contractor's means or methods and does not have the obligation or authority to stop Contractor's work. Olsson's responsibility for construction materials testing is to report our field observations and test results to the Contractor and Client as provided herein. Construction materials testing and field services have been requested for reinforced concrete, structural backfill and pavement construction.

a. Project Management / Reporting – Olsson's field professionals will prepare typed field reports summarizing each day's field observations, presenting test results, and detailing items not in compliance with the project drawings and/or specifications. Draft copies of the field reports will be provided on a daily basis to the designated field representative if requested. Field reports and test reports for each task listed below will be reviewed by our project manager and transmitted to the Client, Architect, Structural Engineer, General Contractor and Building Official via Olsson's Client Command Center if requested. Upon request and following completion of the project, Olsson will prepare a final summary report stating its opinion with regard to whether the portions of the work that were observed, inspected and/or tested were in compliance with the project specifications.

The Olsson Project Management team takes a hands-on approach to managing projects assigned. The manager assigned to a project will be available for pre-construction meetings and will make site visits for introductions at the beginning of a project as well as in situations dealing without outlined scope. The general contractor is informed of Olsson's scope and inspection expectations as part of the initial site visit to assist in keeping expectations of performance and scope in the forefront of the construction team.

b. Earthwork (Embankment and Grading) – Olsson will obtain samples of backfill material for standard proctor and Atterberg limits testing. Field and laboratory moisture-density tests will be performed on structural fill placed within the limits of disturbance. Olsson has estimated the following based on periodic testing:

- Construction Phases
  - 8 site visits anticipated to perform field compaction tests during structural fill operations per construction phase (7 Phases, 64 trips).
  - Up to 4 bulk samples for laboratory testing, Including: Standard Proctor, Atterberg Limits, P-200 Sieve Analysis

c. Box Culvert Extension – The subgrades within the footprint of the proposed box culvert will be evaluated with respect to stability and moisture content. Olsson will observe and document the box culvert subgrade conditions prior to and during stabilization activities. Olsson will observe placement of reinforcing steel in the cast-in-place box culvert extension. Field tests including slump, air entrainment, and temperature will be performed on samples of concrete obtained for this structure. Cylinders will be cast from the concrete used in the construction of the structure for compressive strength testing at the rate of one test per 150cy placed, or fraction thereof. Field moisture-density tests will be performed in backfill placed within segments of the box culvert extension. Olsson has estimated the following:
• 1 site visit to observe subgrade conditions prior to installation of geogrid reinforcement
• 1 site visit anticipated to observe installation of geogrid reinforcement and crushed aggregate base course
• 4 site visits to conduct backfill testing after concrete construction
• Up to 6 site visits for rebar inspection and concrete testing
  o Up to 6 sets of 4-4" x 8" cylinders
  ▪ Footings/ Base Slab – 2 placement events (2 sets)
  ▪ Cast-in-place Walls – 3 placement events (3 sets)
  ▪ Culvert Lid – 1 placement event (1 set)

d. **Segmental Retaining Walls (A through I)** – Olsson should be provided a complete set of construction drawings which explicitly provide a design bearing pressure for segmental retaining walls before construction begins. If a design bearing pressure is not provided on the drawings, the design calculations including design assumptions such as design bearing pressure should accompany the drawings. The bearing soils below the segmental retaining walls will be evaluated with respect to the design bearing pressure. Installation of the granular leveling course, placement of drainage backfill, reinforced soil backfill, and geogrid during construction of the wall will be observed. Field moisture-density tests will be performed in the reinforced soil backfill at the rate of 1 density test per lift per 40 LF per lift. Olsson has estimated the following:
  • Aggregate Base Course
    o 3 site visits to perform field density testing per wall (27 total trips)
    o 1 hour per trip
  • Reinforced Wall Backfill
    o 7 trips to perform field density testing per wall (27 total trips)
    o 1 hour per trip

e. **Noise Walls** – Olsson will obtain samples of materials proposed for use as structural fill for laboratory testing. Field moisture-density tests will be performed in backfill placed within segments of the Noise Wall locations. Olsson will observe placement of reinforcing steel in the cast-in-place pilaster footings. Field tests including slump, air entrainment, and temperature will be performed on samples of concrete obtained for this structure. Cylinders will be cast from the concrete used in the construction of the structure for compressive strength testing at the rate of one test per 7 plasters placed. Olsson has estimated the following based on periodic testing:
  • 15 site visits anticipated to perform field compaction tests during backfill of the box culvert extension at a frequency of 1 test per 100cy of material placed
  • 2 bulk samples of material to be used as structural fill for laboratory standard Proctor, Atterberg, and P-200 testing
  • 30 sets of 4 (4"x8") Compressive Strength Specimens for the reinforced structures
    o Footings – 30 placement events (30 sets)
f. Utility Trench Backfill -- Olsson will obtain samples of backfill material for standard proctor and Atterberg limit testing. Field and laboratory moisture-density tests will be performed in backfill placed within segments of utility trenches at the rate of 160 LF per trip. Olsson has estimated the following based on periodic testing:

- Storm Sewer Construction
  - 40 site visits anticipated to perform field compaction tests during backfill of storm sewer lines and manholes.

p. Utility Reinforced Concrete (Curb Inlet, Junction Box, Outlet Structure) -- Olsson will observe placement of reinforcing steel in the structures prior to concrete placement for the structures. Field tests including slump, air entrainment, and temperature will be performed on samples of concrete obtained for converting the existing storm sewer area inlets to curb inlets and construction of the Junction Box and Outlet Structure. Cylinders will be cast from the concrete used in the construction of these structures for compressive strength testing at the rate of one test per 150 cy placed, or fraction thereof. Olsson has estimated the following:

- 12 sets of 4 (4"x8") Compressive Strength Specimens for the reinforced structures
  - 2 sets for the Curb Inlet Conversion
  - 5 sets for the Junction Box
  - 5 sets for the Outlet Structure
- 2 hours per trip

h. Pavement Subgrades -- The subgrades within the footprint of the proposed paved areas will be evaluated with respect to stability and moisture content. Olsson will obtain samples of materials proposed for use as pavement subgrade for laboratory testing. Laboratory tests, including standard proctors, modified proctors, and Atterberg limit tests, will be performed to classify and determine physical properties of the proposed fill materials. Olsson will observe and perform field density tests on structural fill placed within the proposed pavement areas. The subgrades will be proofrolled with heavy construction equipment prior to construction of the pavements. Olsson has estimated the following:

- 20 site visits anticipated to perform field compaction tests prior to placement of pavement
- Up to 3 bulk samples of material to be used as structural fill for laboratory Proctors, Atterberg, and P-200 testing

i. Concrete Pavements -- Olsson will observe placement of concrete for the exterior concrete pavements. Field tests, including slump, air entrainment, and temperature, will be performed on samples of concrete obtained from these structures. Cylinders will be cast from the concrete used in the construction for compressive strength testing. Core sampling of the concrete pavement will also be performed. Olsson has estimated the following:

- 10' Concrete Pavements -- 80 Sets of 6 (4"x8") Compressive Strength Specimens
  - 25 placement events
• 7” Concrete Pavements – 7 Sets of 6 (4”x8”) Compressive Strength Specimens
  ○ 7 placement events
• 9” and 7” Concrete Driveways – 16 Sets of 6 (4”x8”) Compressive Strength Specimens
  ○ 16 placement events
• 6” Concrete Curb and Gutter – 3 Sets of 6 (4”x8”) Compressive Strength Specimens
  ○ 3 placement events
• 4” and 6” Imprinted Concrete – 6 Sets of 4 (4”x8”) Compressive Strength Specimens
  ○ 6 placement events
• 4” and 6” Concrete Sidewalks – 23 Sets of 4 (4”x8”) Compressive Strength Specimens
  ○ 23 placement events
• Concrete Flumes – 5 Sets of 4 (4”x8”) Compressive Strength Specimens
  ○ 5 placement events
• Concrete Medians – 15 Sets of 4 (4”x8”) Compressive Strength Specimens
  ○ 15 placement events

**COMPENSATION**

Client shall pay to Olsson for the performance of the Scope of Services, the actual time of personnel performing such services, and all actual reimbursable expenses in accordance with the Labor Billing Rate Schedule and the Reimbursable Expense Schedule attached to this Agreement. This amount shall not exceed $188,000 without prior approval from Client. Olsson shall submit invoices on a monthly basis and payment is due within 30 calendar days of invoice date.

<table>
<thead>
<tr>
<th>Task</th>
<th>Task Description</th>
<th>Estimated Amount</th>
<th>Fee Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project Management (CE Services)</td>
<td>$72,000</td>
<td>TMNTE</td>
</tr>
<tr>
<td>2</td>
<td>Design Modifications</td>
<td>$10,000</td>
<td>TMNTE</td>
</tr>
<tr>
<td>3</td>
<td>Construction Materials Testing</td>
<td>$106,000</td>
<td>TMNTE</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>$188,000</strong></td>
<td></td>
</tr>
</tbody>
</table>

**SCHEDULE**

This project scope and budget has been developed for a project duration of an estimated 28 months from notice to proceed (NTP) with an end date of November 15, 2019.
OLSSON ASSOCIATES, INC.

By [Signature]

Jeffrey C. Ford, Executive Vice President

Michael C. Plemlicky, Vice President

If you accept this Scope of Services, please sign:

SARPY COUNTY

By [Signature]

Don Kelly

Print Name: Don Kelly
Title: Chairman

Approved as to form:

By [Signature]

Deputy Sarpy County Attorney

Dated: 9/12/17

Attachments
Labor Billing Rate Schedule
Reimbursable Expense Schedule
LABOR BILLING RATE SCHEDULE 2017

LABOR RATES

<table>
<thead>
<tr>
<th>Description</th>
<th>Range</th>
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</thead>
<tbody>
<tr>
<td>Principal</td>
<td>149 - 361</td>
</tr>
<tr>
<td>Project Manager</td>
<td>131 - 189</td>
</tr>
<tr>
<td>Project Professional</td>
<td>105 - 166</td>
</tr>
<tr>
<td>Assistant Professional</td>
<td>70 - 143</td>
</tr>
<tr>
<td>Designer</td>
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<td>Administrative/Clerical</td>
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</tr>
</tbody>
</table>

Note:
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2. Rates subject to change based upon updates to Billing Rates for upcoming year.

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CURRENT REIMBURSABLE EXPENSE DETAIL

<table>
<thead>
<tr>
<th>Travel</th>
<th>Miscellaneous Materials/Supplies/Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Vehicles</td>
<td>Supplies</td>
</tr>
<tr>
<td>Suburban/Pickups</td>
<td>Outside Billings</td>
</tr>
<tr>
<td>Airfare</td>
<td>Telephone</td>
</tr>
<tr>
<td>Rental Cars</td>
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</tr>
<tr>
<td>Hotels</td>
<td>Laboratory</td>
</tr>
<tr>
<td>Meals</td>
<td>Filing Fees</td>
</tr>
<tr>
<td>OA Fleet Cars/Vans/SUV</td>
<td></td>
</tr>
<tr>
<td>Under 150 Miles</td>
<td>City</td>
</tr>
<tr>
<td>Over 150 Miles</td>
<td>Rural</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Office Expenses*</th>
<th>Estimated Costs</th>
<th>Survey Supplies &amp; Equipment*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copies BW - All</td>
<td>0.15 /each</td>
<td>Survey Supplies</td>
</tr>
<tr>
<td>Konica &amp; Textronix</td>
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<td>Estimated Costs</td>
</tr>
<tr>
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<td>0.65 /each</td>
<td>Wood Lath- Various Sizes</td>
</tr>
<tr>
<td>Copies Color 8.5 x 14</td>
<td>0.85 /each</td>
<td>Wood Hubs (2x2x6)</td>
</tr>
<tr>
<td>Copies Color 11 x 17</td>
<td>1.00 /each</td>
<td>Wood Guards (Stakes) (1x2x16)</td>
</tr>
<tr>
<td>KIP Bond</td>
<td>0.20 /sq ft</td>
<td>Pipe</td>
</tr>
<tr>
<td>KIP Vellum</td>
<td>0.70 /sq ft</td>
<td>Flage</td>
</tr>
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</tr>
<tr>
<td>(Compaction Tests)</td>
<td>100.00 /day max</td>
<td>EDM (Total Station-B)</td>
</tr>
<tr>
<td>Cylinder Breaks</td>
<td>10.00 /break</td>
<td>5.00 /hour</td>
</tr>
<tr>
<td>Cylinder Breaks Reserve</td>
<td>4.00 /each</td>
<td>4-WD ATV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60.00 /day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jack Hammer</td>
</tr>
</tbody>
</table>

*This does not reflect a complete list of items that are chargeable by OA. Costs subject to change.

Shaded costs are estimates only and vary by region. Consult your local survey team for current billing rates.
Harrison Street - 147th to 157th Street

753 CALENDAR DAYS
ANTICIPATED JOB NTP: 10/10/2017
ANTICIPATED JOB COMPLETION: 11/1/18

ANTICIPATED JOB PERSONNEL:
Construction Inspectors (3):
- Two (2) inspectors full time on the job
- One (1) Instrument person on survey crew
Survey Party Chief (1)
Project Manager (1)

- All hours estimated will be based on NDOT's timeline form for developing the Scope of Services (SOS) and Independent Cost Estimate (ICE) for projects
- Days per month will be based upon "Days working 6 days per week, no adjustment for weather"
- Inspectors are estimated to work 10 hour days
- Survey Instrument person and party chief are estimated at 1/3 of a typical 10 hour day
- Project Manager will be estimated at 1/2 of a typical 10 hour day
- Total mileage round trip from 5225 Dayton to 157th & Harrison Street: 22
- Mileage rates are calculated @ $0.535/Hr. based on IRS current rates

The following wage rates are based upon and supplied by City of Omaha Human Resources Finance Department at the current rates.
All rates noted include all hourly wages and benefits

Construction Inspector (C.I. I) - $46.33/Hr.
Survey Party Chief (EA III) - $41.27/Hr.
Project Manager (CMS) - $66.67/Hr.

Budgeted total hours for entire project

<table>
<thead>
<tr>
<th>Year</th>
<th>Inspector (C.I. I) (2)</th>
<th>1400</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Instrument person on survey crew (C.I. I) (1)</td>
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</tr>
<tr>
<td></td>
<td>Survey Party Chief (EA III)</td>
<td>231</td>
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<tr>
<td></td>
<td>Project Manager (CMS)</td>
<td>950</td>
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<table>
<thead>
<tr>
<th>Year</th>
<th>Inspector (C.I. I) (2)</th>
<th>6140</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Instrument person on survey crew (C.I. I) (1)</td>
<td>1013</td>
</tr>
<tr>
<td></td>
<td>Survey Party Chief (EA III)</td>
<td>1013</td>
</tr>
<tr>
<td></td>
<td>Project Manager (CMS)</td>
<td>1535</td>
</tr>
</tbody>
</table>

2019 + 60-day post construction final and as-built preparation

<table>
<thead>
<tr>
<th>Year</th>
<th>Inspector (C.I. I) (2)</th>
<th>5140 + 990 = 6120</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Instrument person on survey crew (C.I. I) (1)</td>
<td>848 + 119 = 1007</td>
</tr>
<tr>
<td></td>
<td>Survey Party Chief (EA III)</td>
<td>848 + 119 = 1007</td>
</tr>
<tr>
<td></td>
<td>Project Manager (CMS)</td>
<td>1285 + 240 = 1525</td>
</tr>
</tbody>
</table>

Total Budgeted Cost:

<table>
<thead>
<tr>
<th>Hours</th>
<th>Total Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspectors (3):</td>
<td>15891</td>
</tr>
<tr>
<td>Survey Party Chief (1):</td>
<td>2151</td>
</tr>
<tr>
<td>Project Manager (CMS):</td>
<td>3410</td>
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</tbody>
</table>

2017 budgeted 2018 budgeted 2019 budgeted

<table>
<thead>
<tr>
<th>Hours</th>
<th>Miles</th>
<th>Miles</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey vehicle (1)</td>
<td>1540</td>
<td>1540</td>
<td>1540</td>
</tr>
<tr>
<td>Inspector 1 vehicle</td>
<td>1540</td>
<td>1540</td>
<td>1540</td>
</tr>
<tr>
<td>Inspector 2 vehicle</td>
<td>1540</td>
<td>1540</td>
<td>1540</td>
</tr>
<tr>
<td>Project Manager vehicle</td>
<td>1752</td>
<td>1752</td>
<td>1752</td>
</tr>
</tbody>
</table>

Total Mileage Cost: (0.535)(55,538) = $19,977.48

<table>
<thead>
<tr>
<th>Hours</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspectors:</td>
<td>$640,884.03</td>
</tr>
<tr>
<td>Survey Party Chief:</td>
<td>$108,279.77</td>
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<tr>
<td>Project Manager:</td>
<td>$206,884.70</td>
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<tr>
<td>Mileage:</td>
<td>$29,707.48</td>
</tr>
<tr>
<td>TOTAL BUDGETED COST:</td>
<td>$982,755.98</td>
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</tbody>
</table>

Exhibit B