

**NOTICE
GLENPOOL UTILITY SERVICE AUTHORITY
REGULAR MEETING**

A Regular Session of the Glenpool Utility Service Authority will be held at 6:00 p.m. immediately following the Glenpool City Council Meeting on Tuesday, December 12, 2017, at Glenpool City Hall, City Council Chambers, 12205 S. Yukon Ave., 3rd Floor, Glenpool, Oklahoma.

AGENDA

	Page
A) Call to Order - Timothy Lee Fox, Chairman	
B) Roll Call, Declaration of Quorum – Susan White, Secretary; Timothy Lee Fox, Chairman	
C) Public Works Director Report - Wes Richter	
1) Public Works Report Dec 2017	2
D) Scheduled Business	
1) Discussion and possible action to approve minutes from November 14, 2017 meeting. (Susan White, Secretary) GUSA MIN 111417	3 - 4
2) Discussion and possible action to approve a Professional Services Agreement from Crafton, Tull & Associates, in an amount not to exceed \$45,500, covering engineering design of Speedy's Liftstation improvements. (Lynn Burrow, Community Development Director) GUSA Presentation - Speedy's Liftstation Rehab Project 121217	5 - 19

E) Adjournment

This notice and agenda was posted at Glenpool City Hall, 12205 S. Yukon Ave., Glenpool, Oklahoma, on _____, _____ at _____ am/pm.

Signed:

City Clerk



Public Works Director's Report

December 12th, 2017

To: Glenpool Utility Services Authority Board Members,

The following report highlights and summarizes the various activities that are currently being addressed by the Public Works Department.

Waste Water Treatment Plant:

- Submitted Monthly DMR report to ODEQ.
- Sent this quarters bio-monitoring samples to the lab waiting on the results
- 3 sewer backups were reported 1 on city side 2 on customers side.

Water Distribution:

- Meter reading started & ended on November 7th.
- Total rereads for November 19.
- 231 Service Orders, 8 Blue tags were issued by the water billing dept.
- 6 New service taps and 7 leaks were repaired.
- 262 Line locates were issued by call Okie which brings the total from Jan to Nov 30th to 3,443 locates.
- There were 168 turn offs which 14 are still off and locked.
- The quarterly stage 2 disinfectant drinking water samples were sent to the lab the results came back well below the EPA/ODEQ limits.

**MINUTES
GLENPOOL UTILITY SERVICES AUTHORITY
REGULAR SESSION
November 14, 2017**

The Regular Session of the Glenpool Utility Services Authority was held at Glenpool City Hall. Trustees present: Tim Fox, Chairman; Patricia Agee; and Brandon Kearns. Jacqueline Triplett-Lund and Momodou Ceesay, Vice-Chairman were absent.

Staff present: Lowell Peterson, Trust Attorney; Susan White, Interim City Manager, Trust Secretary; and Wes Richter, Director of Public Works.

- A) **Chairman Fox called the meeting to order at 8:11 p.m.**
- B) **Susan White, Secretary called the roll and Chairman Fox declared a quorum present.**
- C) Public Works Director Report - Wes Richter, Director of Public Works
- Mr. Richter reviewed the various activities accomplished by the water/wastewater personnel during the previous month.
- D) **Scheduled Business:**
- 1) **Discussion and possible action to approve minutes from October 2, and October 16, 2017 meetings.**
MOTION: Trustee Agee moved, second by Trustee Kearns to approve minutes as presented.
FOR: Chairman Fox; Trustee Agee; Trustee Kearns
AGAINST: None
ABSENT: Trustee Lund; Vice-Chairman Ceesay
Motion carried.
 - 2) **Discussion and possible action to approve a Professional Services Agreement from Crafton, Tull & Associates, in an amount not to exceed \$45,500, covering engineering design of Speedy's Liftstation improvements.**
MOTION: Trustee Kearns moved, second by Trustee Agee to table action to next Regular meeting.
FOR: Trustee Agee; Trustee Kearns; Chairman Fox
AGAINST: None
ABSENT: Trustee Lund; Vice-Chairman Ceesay
Motion carried.
 - 3) **Discussion and possible action to accept Public Improvements serving Jiffy Lube Project in the Southwest Crossroads Addition.**
MOTION: Trustee Kearns moved, second by Trustee Agee to accept Public Improvements serving Jiffy Lube, Southwest Crossroads Addition as presented.
FOR: Trustee Kearns; Chairman Fox; Trustee Agee
AGAINST: None
ABSENT: Trustee Lund; Vice-Chairman Ceesay
Motion carried.
 - 4) **Discussion and possible action to approve 2018 Meeting Calendar.**
MOTION: Trustee Kearns moved, second by Trustee Agee to amend Calendar to schedule January meeting on 8th, rather than the 2nd as presented, and approve as amended.
FOR: Chairman Fox; Trustee Agee; Trustee Kearns
AGAINST: None
ABSENT: Trustee Lund; Vice-Chairman Ceesay
Motion carried.

E) Adjournment.

- There being no further business, Chairman Fox declared the meeting adjourned at 8:22 p.m.

Date

Chairman

ATTEST:

Secretary



MEMORANDUM

**TO: CHAIRMAN AND BOARD OF TRUSTEES
GLENPOOL UTILITY SERVICES AUTHORITY (GUSA)**

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: REVIEW AND APPROVAL OF ENGINEERING DESIGN PROPOSALS
SPEEDY'S SANITARY SEWER LIFT STATION REHAB. PROJECT**

DATE: DECEMBER 12, 2017

BACKGROUND

This item is for GUSA Board of Trustees consideration and action regarding certain engineering design proposals solicited and received by Staff covering the rehabilitation, reconfiguration, and upgrading of the existing 'Speedy's' sanitary sewer lift station. As illustrated on the attached aerial photo, this facility is located on the east side of Coal Creek - south of 148th Street. Also attached is a copy of the City Sanitary sewer atlas map that depicts the location of this lift station and the various existing sewer lines that drain to this location. Generally, virtually all existing gravity sewer lines located south, east, and west of this lift station drain to it currently. In addition, a large portion of the areas within the City corporate limits south of 151st Street will have sewer collection systems constructed serving new developments that will also connect or discharge to this lift station in the future. Currently, the existing station is near its maximum pumping capacity and the new developments occurring within the Coal Creek watershed will likely exceed the capacity of this facility in the near future.

In response to this situation, engineering design proposals, along with professional qualifications, were solicited and received from three engineering consulting firms that deal with these types of improvement projects on a routine basis. The initial request also included engineering design and permitting services associated with a new downstream force main running northerly from the existing lift station connecting to an existing 18" sanitary sewer line located on the north side of 141st Street - east of Barber Street as illustrated on the attached exhibit.

Staff has interviewed in person the three firms that were contacted and has reviewed the professional qualifications submitted by each regarding their experience and expertise with this type of improvement project.

Staff has also reviewed and evaluated the corresponding professional services proposals received covering the scope of work involved and feel the written descriptions contained in each accurately define the basic elements required to design, permit, and construct the improvements necessary to complete the project.

The following listing represents the design, permitting, and construction administration fee structure identified and described in the proposals received from the responding firms.

1. Cowan Group Engineering:

- Watershed Engineering Study: \$28,000.00
- Preliminary Engineering Design: \$79,000.00
- Final Engineering Design: \$43,000.00
- Bid Process Assistance: \$5,000.00
- Construction Administration: \$15,000.00
- Total Project Price: \$170,000.00

2. SKW Engineering:

- Watershed Engineering Study: \$19,000.00
- Engineering Design: Force Main: \$53,961.00
- Engineering Design: Lift Station: \$54,437.00
- Total Project Price: \$127,398.00

3. Crafton/Tull Engineering Consultants:

- Watershed Engineering Study: \$15,000.00
- Engineering Design Total: \$22,000.00
- Bidding & Construction Admin.: \$8,500.00
- Total Project Price: \$45,500.00

Generally, the responding consultants estimate that the preliminary watershed study, engineering design, and permitting phase of the project should be completed by April 1, 2018; project bidding and contracting completed by June 1st, and project construction completed and in operation on or before September 30, 2018.

It should be noted that the upgrade of this lift station and the addition of the downstream force main was anticipated in the FY 2017/2018 Municipal Budget. As listed in the approved budget, this capital improvement project is to be funded by a combination of existing Capital Improvement Bond funds set aside for these types of projects and GUSA operations revenue. The total project (design & construction) was originally estimated by SKW Engineering in February of 2017 predicting a total cost of \$805,000. As a result, the final FY 2017/2018 budget was approved with the total project cost of \$805,000 - identified in budget account number 02-6-16-6278.

Recommendation:

Having reviewed the professional qualifications and the detailed scope of services listed in each of the professional services proposals listed above and as a result of detailed discussions with each of the responding Consultants, Staff is recommending approval of the proposal received from Crafton/Tull Engineering. Staff also recommends authorization for the Board Chairman to execute the corresponding Professional Services Agreement with this firm in a total amount not to exceed \$45,500.00

Attachments:

- A. Engineering Design Proposals & Professional Services Agreements
- B. Aerial Mapping
- C. Utility Atlas Sheets



SHORT FORM OF AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

THIS IS AN AGREEMENT effective as of November 14, 2017 ("Effective Date") between
THE GLENPOOL UTILITY SERVICES AUTHORITY, a public trust benefiting the City of Glenpool ("Owner")
and Crafton, Tull & Associates, Inc. ("Engineer")

Engineer agrees to provide the services described below to Owner for Speedy's Lift Station and Force Main Extension ("Project").

Description of Engineer's Services: Sanitary Sewer Lift Station and Force Main capacity, condition, and retrofit study, design, and construction services. See the attached Exhibit A, titled "Speedy's Lift Station and Force Main Study & Improvements Plans – Scope of Services," which is incorporated by reference as though fully set forth herein ("Services").

Street Address of Property *: W148th St and S Broadway St

Owner and Engineer further agree as follows:

1.01 Basic Agreement

A. Engineer shall provide, or cause to be provided, the services set forth in this Agreement, and Owner shall pay Engineer for such Services as set forth in Paragraph 9.01.

month (or the maximum rate of interest permitted by law, if less) from said thirtieth day. In addition, Engineer may, without liability, after giving seven days written notice to Owner, suspend services under this Agreement until Engineer has been paid in full all amounts due for services, expenses, and other related charges. Payments will be credited first to interest and then to principal.

2.01 Payment Procedures

A. *Preparation of Invoices.* Engineer will prepare invoices in accordance with Engineer's standard invoicing practices and submit the invoices to Owner.

C. *Lien Rights**. The Owner understands that the Engineer is entitled to a lien against such funds of the Owner as are allocated to the Project. Engineer understands that Oklahoma law does not provide a lien on publicly-owned real property. A claim for lien against public funds may be enforced by filing in court for an accounting and payment.

B. *Payment of Invoices.* Invoices are due and payable upon receipt*. If Owner fails to make any payment due Engineer for services and expenses within 30 days after receipt of Engineer's invoice, the amounts due Engineer will be increased at the rate of 1.0% per

* This is a change from the standard EJCDC E-520 form.

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EJCDC E-520 Short Form of Agreement Between Owner and Engineer for Professional Services
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3.01 Additional Services

A. If authorized by Owner, or if required because of changes in the Project, Engineer shall furnish services in addition to those set forth above.

B. Owner shall pay Engineer for such additional services as follows: For additional services of Engineer's employees engaged directly on the Project an amount equal to the cumulative hours charged to the Project by each class of Engineer's employees times standard hourly rates for each applicable billing class; plus reimbursable expenses and Engineer's consultants' charges, if any.

4.01 Termination

A. The obligation to provide Services under this Agreement may be terminated:

1. For cause,

a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party.

b. By Engineer:

upon seven days written notice if Engineer reasonably and in good faith believes that Engineer is being requested by Owner to furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or

upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 90 days for reasons beyond Engineer's control.

Engineer shall have no liability to Owner on account of such termination.

c. Notwithstanding the foregoing, this Agreement will not terminate as a result of a substantial failure under paragraph 4.01.A.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its failure and proceeds diligently to cure such failure within no more than 30 days of receipt of notice; provided, however, that if and to the extent such substantial failure

cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience, by Owner effective upon the receipt of notice by Engineer.

B. The terminating party under paragraphs 4.01.A.1 or 4.01.A.2 may, in its discretion, set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Project site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

5.01 Controlling Law

A. This Agreement is to be governed by the law of the state in which the Project is located.

B. Venue for any dispute or claim rising under this Agreement shall be Tulsa County District Court, Tulsa, Oklahoma.

6.01 Successors, Assigns, and Beneficiaries

A. Owner and Engineer each is hereby bound and the partners, successors, executors, administrators, and legal representatives of Owner and Engineer (and to the extent permitted by paragraph 6.01.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the partners, successors, executors, administrators, and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.

B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, moneys that are due or may become due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting, or transfer is mandated or restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

7.01 General Considerations

A. The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with Engineer's services. Engineer and its consultants may use or rely upon the design services of others, including, but not limited to, contractors, manufacturers, and suppliers, provided that such reliance may not result in an increased payment obligation of Owner without Owner's prior consent.

B. Engineer shall not at any time supervise, direct, or have control over any contractor's work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, for safety precautions and programs incident to a contractor's work progress, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work.

C. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work in accordance with the contract between Owner and such contractor.

D. Engineer shall not be responsible for the acts or omissions of any contractor, subcontractor, or supplier, or of any contractor's agents or employees or any other persons (except Engineer's own employees) at the Project site or otherwise furnishing or performing any of construction work; or for any decision made on interpretations or clarifications of the construction contract given by Owner without consultation and advice of Engineer.

E. The general conditions for any construction contract documents prepared hereunder are to be the "Standard General Conditions of the Construction Contract@ as prepared by the Engineers Joint Contract Documents Committee (No. C-700, 2002 Edition).

F. All design documents prepared or furnished by Engineer are instruments of service, and Engineer retains an ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed.

G. To the fullest extent permitted by law, Owner and Engineer (1) waive against each other, and the other's employees, officers, directors, agents, insurers, partners,

and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project, and (2) agree that Engineer's total liability to Owner under this Agreement shall be limited to \$50,000 or the total amount of compensation received by Engineer, whichever is greater.

H. The parties acknowledge that Engineer's scope of services does not include any services related to a Hazardous Environmental Condition (the presence of asbestos, PCBs, petroleum, hazardous substances or waste, and radioactive materials). If Engineer or any other party encounters a Hazardous Environmental Condition, Engineer may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the Project affected thereby until Owner: (i) retains appropriate specialist consultants or contractors to identify and, as appropriate, abate, remediate, or remove the Hazardous Environmental Condition; and (ii) warrants that the Site is in full compliance with applicable Laws and Regulations.

I. Files in electronic media format of text, data, graphics, or other types that are furnished by the Engineer to the Owner or to the Contractor upon the Owner's direction are furnished only for convenience, not reliance by the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.*

J. In the event of a negligent error or omission in the Engineer's designs, plans, Specifications, or other services ("the defect"), the Engineer's sole responsibility and liability for the defect shall not exceed the Engineer's services to re-perform or redesign the plans, specifications, services or other deliverables related to the defect, plus the reasonable direct damages caused by the defect. The Engineer shall not be liable for and damages shall not include the cost of any addition, betterment, or improvement to the Work, nor for any item that otherwise would have been required to complete the Work, nor the cost and expense that would have been incurred by the Owner had such defect not occurred.*

* This is a change from the standard EJDC E-520 document.

8.01 Total Agreement

A. This Agreement (consisting of pages 1 to 4 inclusive together with Exhibit "A" Scope of Services), constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral

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EJDC E-520 Short Form of Agreement Between Owner and Engineer for Professional Services
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understandings. This Agreement may only be amended, supplemented, modified, or canceled by a written instrument executed by both parties.

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9.01 Payment (Lump Sum Basis)

A. Using the procedures set forth in paragraph 2.01, Owner shall pay Engineer as follows:

1. A Lump Sum amount of \$ 45,500. This amount includes compensation for Engineer's Services. The Lump Sum noted herein accounts for labor, overhead, and profit and shall be invoiced in accordance with paragraph 2.01 upon satisfactory completion of Services.

2.* Reimbursable expenses and additional services in accordance with paragraph 3.01 shall be invoiced over and above the Lump Sum fee in accordance with paragraph 3.01 B.. Compensation for reimbursable expenses is estimated to be \$ 500.

3.* The Engineer may subcontract with other consultants to complete the services on the Project, subject to prior approval by Owner of any costs so incurred that exceed the Lump Sum amount.. The cost for such subconsultants shall be invoiced over and above the Lump Sum fee at cost times a 1.05 multiplier. The Owner shall have the opportunity to approve the use of such subconsultants prior the Engineer engaging their services.

4.* Additional services authorized in writing by the Owner, in accordance with paragraph 3.01 B, shall be invoiced at the Engineer's Standard Hourly Rates, as shown in the attached Exhibit "B".

B. The Engineer's compensation is conditioned on the time to complete construction not exceeding 3 months. Should the time to complete construction be extended beyond this period, any additional total compensation to Engineer shall be negotiated and approved by the parties in good faith.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement.

OWNER: GLENPOOL UTILITY SERVICES
AUTHORITY

ENGINEER: CRAFTON, TULL & ASSOCIATES, INC.

By: Timothy Lee Fox

By: 
Matt Crafton

Title: Chair, Board of Trustees

Title: President & CEO

Date Signed: 11-14-2017

Date Signed: November 9, 2017

License or Certificate No. and
State _____

CA 973 OK

Address for giving notices:

Address for giving notices:

12205 S. Yukon Ave

220 E. 8th St.

Glenpool, OK 74003

Tulsa, OK 74119

e-mail address: lburrow@cityofglenpool.com

e-mail address: kyle.sewell@craftontull.com

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(Lump Sum)

EJCDC E-520 Short Form of Agreement Between Owner and Engineer for Professional Services

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Exhibit "A"

Scope of Services For:

Project:	Speedy's Lift Station and force main Study & Improvement Plans
Client:	Glenpool Utility Services Authority, public trust benefiting City of Glenpool
Location of Project:	W. 148 th & S. Broadway Ave., Glenpool
Discipline:	Civil Engineering
Discipline Manager:	Jerry Kelso
Project Manager:	Kyle Sewell
Proposal Date:	10/30/17
Billing Type:	Lump Sum
Fee/Estimate:	\$45,500 (\$15,000 Study and Report, \$22,000 Construction Plans, \$8,500 Construction Administration)
Description of the Construction Project Services:	Sanitary Sewer Lift Station and Force Main capacity, condition, and retrofit study, design, and construction services.

The Services to be provided by the Engineer:

Study and Report:

- Study existing maps, plans, reports, pump literature, field conditions of lift station, receiving manholes, and force main.
- Determine existing flows for the sanitary sewer basin from pump run time data and sanitary sewer atlas maps and other data from City.
- Determine future flows using growth projections for the sanitary sewer basin, Comprehensive Plan, and known future expansions.
- Analyze capacity of existing lift station and force main to pump existing and future flows.
- Consider options for upgrades to wet well, pumps, controls, force main/gravity sewer to retrofit/upgrade lift station.
- Consider route options for proposed force main improvements.
- Write report of findings with cost estimates for improvements options.
- Meet with City Staff, attend City Council meeting to discuss report findings and recommendations.

Construction Plans:

- Work with City Staff and vendors to determine preferred pumps, SCADA, and other materials for retrofit/upgrade.
- Design Survey of Lift Station Site and proposed force main alignment.
- Design improvements according to selected option from Study and Report.
- Prepare Preliminary Plans (Title, Construction Notes, Site Plan, Lift Station Plans, Force Main Plan and Profiles)
- Prepare Final Plans (Title, Construction Notes, Site Plan, Lift Station Plans, Force Main Plan and Profiles, Details)



- Prepare Technical Specifications (Concrete, Earthwork, Pipes, Pumps, Controls, Appurtenances)
- Prepare DEQ Permits
- Meet with City Staff to discuss plan comments

Construction Administration:

- Respond to RFI's during construction
- 3 Site Visits by Engineer during construction
- Prepare any necessary easement or R/W dedication documents.
- Prepare all required bid documents.
- Issue and track all bid packages during bid period.
- Respond to RFI's during bid period.
- Conduct or attend Bid Meeting.
- Prepare final Bid Tabulation.
- Assist City to prepare standard construction agreement.
- Attend Pre-Construction meeting.
- Review and approve material/equipment submittals during construction.
- Approve construction contract change-order requests.
- Receive and approve contractor progress pay requests.
- Issue project substantial completion statement.
- Produce 'Record' construction drawings.
- Review and approve O&M project close-out materials.

Items Provided by Owner:

- Geotechnical Report (if required)
- Title Commitment
- Phase I Environmental Assessment (if required)
- Easement Procurement (if required)

Additional Items that can be Provided by CTA under amendment or separate contract

- FEMA Studies & Map Revision Applications (CLOMR/LOMR)
- Wetland Determinations
- Corps of Engineer Permitting
- Traffic Study
- Retaining Wall Design
- Landscaping Design
- Offsite Utility or Street Extensions

This is the scope of services for the Project. Should there be additions to this scope of services, those services shall be compensated for an additional fee in accordance with paragraph 3.01 of the Agreement.



Exhibit "B"

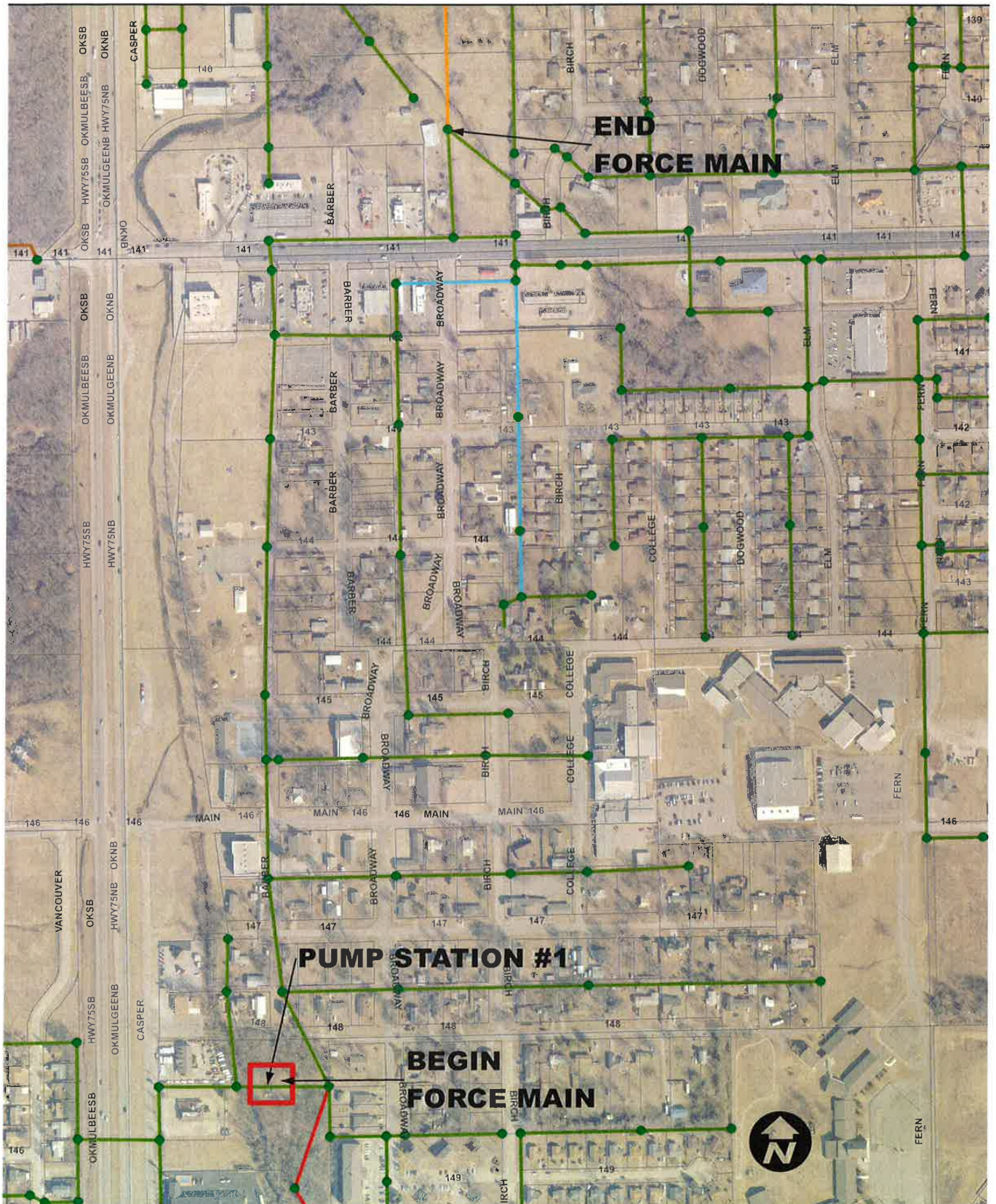
Standard Hourly Rate Schedule
Effective October 7, 2017

Category	Hourly Rate	Category	Hourly Rate
CIVIL ENGINEERING		INSPECTION	
ENGINEERING PRINCIPAL	\$ 175	SR. INSPECTOR	\$ 95
SR. ENGINEERING MANAGER	\$ 155	INSPECTOR II	\$ 85
ENGINEERING MANAGER	\$ 135	INSPECTOR I	\$ 55
SR. PROJECT ENGINEER	\$ 115	SURVEYING	
PROJECT ENGINEER	\$ 105	PROFESSIONAL SURVEYOR PRINCIPAL	\$ 170
ENGINEER INTERN II	\$ 90	SR. PROFESSIONAL SURVEYOR	\$ 125
ENGINEER INTERN I	\$ 80	PROFESSIONAL SURVEYOR	\$ 95
SR. ENGINEERING DESIGNER	\$ 120	SURVEY COORDINATOR	\$ 85
ENGINEERING DESIGNER III	\$ 95	SURVEYOR INTERN	\$ 75
ENGINEERING DESIGNER II	\$ 85	SURVEY PARTY CHIEF	\$ 70
ENGINEERING DESIGNER I	\$ 75	SURVEY TECHNICIAN III	\$ 55
ENGINEERING CAD TECHNICIAN III	\$ 70	SURVEY TECHNICIAN II	\$ 40
ENGINEERING CAD TECHNICIAN II	\$ 55	SURVEY TECHNICIAN I	\$ 30
ENGINEERING CAD TECHNICIAN I	\$ 45	GEOGRAPHIC INFORMATION SYSTEMS	
ADMINISTRATIVE		GIS MANAGER	\$ 95
ADMINISTRATIVE PRINCIPAL	\$ 170	GIS ANALYST	\$ 85
ADMINISTRATIVE MANAGER	\$ 120	GIS TECHNICIAN II	\$ 55
ADMINISTRATIVE IV	\$ 80	GIS TECHNICIAN I	\$ 40
ADMINISTRATIVE III	\$ 65	REIMBURSABLE EXPENSES	
ADMINISTRATIVE II	\$ 45	GPS Equipment.....	\$35/Hour
ADMINISTRATIVE I	\$ 35	Robotic Survey Equipment.....	\$20/Hour
LANDSCAPE ARCHITECTURE		LiDAR Scanning Equipment	\$35/Hour
SR. LANDSCAPE ARCHITECT	\$ 120	Job Related Mileage.....	\$0.53/Mile
PROJECT LANDSCAPE ARCHITECT	\$ 90	Per Diem for Out of Town Crews.....	Per GSA Allowable
LANDSCAPE ARCHITECTURE DESIGNER	\$ 80	Airfare and other travel related expenses.....	At Cost
LANDSCAPE ARCHITECT INTERN	\$ 55	Black and white 8.5"x11" Copies	\$0.15/sheet
PLANNING		Color 8.5"x11" Copies	\$1.50/sheet
PLANNING MANAGER	\$ 140	Photo Paper Color Plan Sheet Copies	\$0.75/sq. ft.
SR. PLANNER	\$ 130	Reproducible Plan Copies (Vellum)	\$1.50/sq. ft.
PLANNER II	\$ 90	Reproducible Plan Copies (Bond)	\$0.35/sq. ft.
PLANNER I	\$ 75	All rates are subject to change without notice.	

Speedy's Lift Station - Design Schedule

	Weeks from Notice To Proceed											
	1	2	3	4	5	6	7	8	9	10	11	12
Study and Report												
City to Review Report												
City Issue NTP Construction Plans												
Construction Plans												
City to Review Plans												
Construction Documents												
Bidding Phase												

ATTACHMENT "A"





November 16, 2016

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