

## AMENDMENT FOR PROFESSIONAL SERVICES

This is an amendment, AMENDMENT NO. 3, attached to and made a part of the AGREEMENT, dated August 11, 2009, between the CITY OF NORMAN (Owner) and GARVER, LLC. (Engineer) for professional engineering for final design and construction phases services associated with the Main Street Bridge over Brookhaven Creek and Downstream Channel Work. THIS AMENDMENT is entered into between The City of Norman (OWNER) and Garver, LLC. (CONSULTANT) for the following reasons:

WHEREAS, the Owner has determined the need for additional engineering assistance;

WHEREAS, Engineer is prepared to provide final design, bidding, and construction administration services in support of the project;

NOW THEREFORE, in consideration of the promises contained in said AGREEMENT and this AMENDMENT NO. 3, Owner and Engineer agree as follows:

### ARTICLE 3 - SCOPE OF SERVICES

Engineer shall perform additional services in accordance with Attachment A to execute the following:

1. OWNER intends to extend John Saxon Boulevard approximately 350-feet with a 200-ft driveway extension, extend a 12" waterline approximately 1,120-feet south of John Saxon Boulevard, and extend an 8" sewer line approximately 860-feet to the west of John Saxon Boulevard (the Project); and
2. OWNER requires certain professional survey, design, analysis and engineering services in connection with the Project.

### ARTICLE 4 - SCHEDULE

Engineer shall exercise its reasonable efforts to perform the Services described in Attachment A according to the Schedule set forth in Attachment B.

### ARTICLE 5 - COMPENSATION

Owner shall pay Engineer **Eighty One Thousand-Four Hundred-Fifty dollars (\$81,450)** for additional services in accordance with Attachment C. Invoices shall be due and payable upon receipt. OWNER shall give prompt written notice of any disputed amount and shall pay the remaining amount.

### ARTICLE 16 - NOTICES

Any notice required by this AGREEMENT shall be made in writing to the address specified below:

ENGINEER: Cort Westphal, P.E.  
Garver, LLC.  
1016 24<sup>th</sup> Ave NW  
Norman, OK 73069  
405-329-2555  
CSWestphal@GarverUSA.com

OWNER: Scott Sturtz, P.E.  
City of Norman  
201-A West Gray  
Norman, OK 73070  
405-366-1600  
Scott.Sturtz@NormanOK.gov

IN WITNESS WHEREOF, Owner and Engineer have executed this Amendment No. 3.

DATED this 11 day of July, 2018.

Garver, LLC. (ENGINEER)

By: Ronald S. Petric

Title: RONALD S. PETRIC - SR. PROJECT MANAGER

ATTEST:

STATE OF OKLAHOMA            )  
  )       SS  
COUNTY OF CLEVELAND        )

This instrument was acknowledged before me on this 11 day of July, 2018, by Lisa Nipper of Garver, LLC.

Lisa Nipper  
Notary Public

My Commission Expires/Commission Number:

03/22/19 / 11002699



City of Norman (OWNER)

APPROVED as to form and legality this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
City Attorney

APPROVED by the Council of the City of Norman this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ATTEST

By: \_\_\_\_\_

Title: Mayor

\_\_\_\_\_  
City Clerk

## ATTACHMENT A – SCOPE OF SERVICES

### 2.1 General

Generally, the scope of services includes design, bidding services, and construction support services for improvements to **John Saxon Boulevard**. Improvements will consist primarily of approximately 350 LF of roadway extension south on John Saxon Blvd., associated drainage improvements, 200 LF of driveway improvements to a future parking lot as shown highlighted yellow in the attached Exhibit A.

The Water Line project will extend approximately 1,120 LF of 12-inch waterline south of John Saxon Boulevard as shown in the attached Exhibit B. The waterline extension will be 12-Inch ductile iron. The 8” sewer line west of John Saxon Boulevard will be extended approximately 860 as shown in the attached Exhibit B. The construction plans will utilize the City of Norman standard details and specifications for waterline installation. Quantities and pay item notes will also be included. Garver’s subconsultant, Durham Surveying, will perform potholing of existing utilities to identify and clarify other utilities along the water and sewer alignment where conflicts may exist.

### 2.2 Surveys

#### 2.2.1 Design Surveys

Design Survey topographic data will be provided to Garver from Durham Surveying outside of this amendment.

#### 2.2.2 Property Surveys

Property Survey data will be provided to Garver from Durham Surveying outside of this amendment.

#### 2.2.3 Utility Potholing

Garver will subcontract with Durham Surveying for utility potholing services and utilize the OKIE one-call locate service to identify and mark the known underground utilities. Engineer’s subconsultant will hydro-excavate up to ten (10) potholes along the waterline and sewer line alignments to verify size and locations of known underground utilities. The pothole locations will be performed at depths up to 6 feet deep in non-paved locations. The depths and locations of each of the utilities will be noted and shown in the plans. Engineer cannot be held responsible for existing utilities that are not field located by the OKIE one-call locate service. All holes will be backfilled with insitu-material. Potholes in paved areas are not included. Any potholes in addition to those noted herein will be paid on a per pothole basis as approved by the Owner.

### 2.3 Geotechnical Services

Garver will subcontract with Terracon to provide geotechnical investigations and recommendations for roadway subgrade utilizing the City of Norman typical commercial/industrial roadway section. The geotechnical scope of work includes the following:

Field Program - Our field investigation will consist of two borings along the proposed alignment of John Saxon Blvd. Each boring will be hand augured to a depth of approximately 4 feet. One composite bulk soil sample will be collected from the soils. Once the soil samples have been collected and classified in the field, they will be placed in appropriate sample containers for transport to our laboratory.

Laboratory Testing - The samples will be tested in our laboratory under the direction of a geotechnical engineer to determine engineering properties and characteristics. Testing will include visual classification, moisture content, and Atterberg limits. Standard proctor moisture-density relationship

(ASTM D 698) and California Bearing Ratio, CBR, (ASTM D1883) tests will be performed on the bulk composite sample.

The following laboratory tests will be performed on the soil samples:

- Soil classification, including Atterberg limits and gradation
- Moisture content
- Moisture density test (ASTM D698, Standard Proctor)
- California Bearing Ratio, CBR, (ASTM D1883)

Engineering Analysis and Report - Based on the results of our analysis, an engineering report will be prepared that details the pavement design and the parameters used to develop the design. The results of our field and laboratory programs will be evaluated by a professional geotechnical engineer licensed in the State of Oklahoma. Based on the results of our evaluation, a final report will be prepared that details the results of the testing performed. The report will include the following:

- Computer generated boring logs with soil stratification based on visual soil classification
- Summarized laboratory data
- Groundwater levels observed during and after completion drilling
- Boring location plan
- Encountered soils conditions
- Moisture density data and CBR data of the bulk soil sample
- Subgrade preparation / earthwork recommendations

## **2.4 Coordination**

Garver will furnish plans to all known utility owners potentially affected by the project at each stage of development. Garver shall conduct coordination meetings among all known affected utility owners to enable them to coordinate efforts for any necessary utility relocations. Garver will include the surveyed locations of the observable and marked utilities in the construction plans. Garver will also include proposed and/or relocated utility information in the construction plans as provided by the utility companies.

Garver will furnish both preliminary and final plans to the following agencies: City's utilities department and ODEQ for their review and comment.

Garver will also attend coordination meetings with the Owner and other agencies as required. Garver will prepare exhibits for these meetings when appropriate.

## **2.5 Hydraulic Study**

Hydraulic studies are not included in this scope of work.

## **2.6 Preliminary Design (60% Submittal)**

The preliminary design phase submittal will include cover sheet, typical sections, plan & profile sheets, driveway improvements, storm drainage, preliminary water and sanitary sewer extension plans, preliminary signing and striping sheets, preliminary cross sections and a preliminary opinion of probable construction cost. The preliminary design phase will represent approximately 60 percent of final construction contract plans. This submittal will not include technical specifications or "front end" contract documents. Garver will not begin final design until the preliminary design is approved by the

Owner in writing.

## **2.7 Final Design (90% and 100% Submittals)**

During the final design phase of the project, Garver will conduct final designs to prepare construction plans and specifications, for one construction contract, including final construction details and quantities, special provisions, and a final opinion of probable construction cost. Deductive or Additive Alternates are not included in the design. The plan sheets to be included are as follows:

- Title Sheet
- Typical Sections
- Summary of Pay Quantities and Notes
- Drainage Area Map
- Summary of Drainage Structures
- Erosion Control Sheets
- Roadway Plan and Profile Sheets
- Surfacing Details
- Drainage Structure Details
- Waterline Extension Plan and Profile Sheets
- Sanitary Sewer Line Extension Plan and Profile Sheets
- Waterline Details
- Sanitary Sewer Line and Structure Details
- Miscellaneous Details
- Cross Sections

Garver will also make final field inspection with Owner, make any needed plan changes as a result of the final field inspection and/or special easement acquisition considerations, and prepare the construction documents as required to advertise for bids.

Garver will also prepare, submit, and coordinate approval of a Stormwater Pollution Prevention Plan (SWPPP) with ODEQ.

For the water and sewer improvements Garver will provide ODEQ with an Engineering Report, the ODEQ application to construct, and the opinion of probable construction costs for water and sewer improvements.

The Engineer will update plans based on review comments from ODEQ and Owner prior to submittal of the issued set of plans, specifications and construction cost estimate for bidding.

## **2.8 Property Acquisition Documents**

Property acquisition documentation is not part of this scope of work.

## **2.9 Bidding Services**

During the bidding phase of the project, Garver will:

1. Prepare and submit Advertisement for Bids to newspaper(s) for publication as directed by the Owner. Owner will pay advertising costs outside of this contract.
2. Dispense construction contract documents to prospective bidders (at the approximate cost of reproduction and handling).
3. Support the contract documents by preparing addenda as appropriate.
4. Participate in a pre-bid meeting if necessary.

5. Attend the bid opening.
6. Prepare bid tabulation.
7. Evaluate bids and recommend award.
8. Prepare construction contracts.

## **2.10 Partial Construction Phase Services**

During the construction phase of work, Garver will accomplish the following:

1. Issue a Notice to Proceed letter to the Contractor and attend preconstruction meeting.
2. Prepare for and attend utilities coordination meeting.
3. Attend two (2) progress/coordination meetings with the Owner/Contractor.
4. Evaluate and respond to construction material submittals and shop drawings. Corrections or comments made by Garver on the shop drawings during this review will not relieve Contractor from compliance with requirements of the drawings and specifications. The check will only be for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The Contractor will be responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of all other trades, and performing his work in a safe and satisfactory manner. Garver's review shall not constitute approval of safety precautions or constitute approval of construction means, methods, techniques, sequences, procedures, or assembly of various components. When certification of performance characteristics of materials, systems or equipment is required by the Contract Documents, either directly or implied for a complete and workable system, Garver shall be entitled to rely upon such submittal or implied certification to establish that the materials, systems or equipment will meet the performance criteria required by the Contract Documents.
5. Issue instructions to the Contractor on behalf of the Owner and issue necessary clarifications (respond to RFIs) regarding the construction contract documents.
6. Prepare and furnish record drawings from working drawings provided by the City.
7. When authorized by the Owner, prepare change orders for changes in the work from that originally provided for in the construction contract documents. If redesign or substantial engineering or surveying is required in the preparation of these change order documents, the Owner will pay Garver an additional fee to be agreed upon by the Owner and Garver.

Construction observation services is not a part of this scope of work.

## **2.11 Project Deliverables**

The following will be submitted to the Owner, or others as indicated, by Garver:

1. PDF submittal of the Geotechnical Report.
2. PDF submittal of the Preliminary Design with opinion of probable construction cost.
3. PDF submittal of the Preliminary Plans to each potentially affected utility company.
4. PDF submittal of the Final Design with opinion of probable construction cost.
5. PDF submittal of the revised Final Design with opinion of probable construction cost.
6. PDF submittal of the revised Final Plans to each potentially affected utility company.
7. PDF submittal of the Final Plans and Specifications to the Contractor.
8. Electronic files as requested as requested by the City.
9. Hard copies as requested by the City.

## **2.12 Extra Work**

The following items are not included under this amendment but will be considered as extra work:

1. Redesign for the Owner's convenience or due to changed conditions after previous alternate direction and/or approval.
2. Submittals or deliverables in addition to those listed herein.
3. Pavement Design beyond that furnished in the Geotechnical Report.
4. Design of any utilities relocation in addition to those included herein.
5. Preparation of a detailed roadway storm sewer drainage report.
6. Retaining walls or other significant structural design.
7. Traffic Signal Design or Modifications.
8. Design of a roundabout intersection.
9. Traffic Studies or Traffic Impact Analysis.
10. Design of street lighting or other electrical design.
11. Construction materials testing.
12. Preparation of Survey Data Sheets.
13. Environmental Handling and Documentation, including wetland or stream mitigation plans or other work related to environmentally or historically (culturally) significant items, except as listed in the scope of services.
14. Completion of a Cultural Resources Surveys and Memorandum of Understanding.
15. Construction Observation and Inspection.
16. Construction Materials Testing.
17. Preparation of a Section 404 Nationwide Permit and coordination with USACE.
18. Threatened and endangered (T&E) species habitat and presence/absence surveys, including any surveys related to T&E species, including, but not limited to Biological Evaluations or Assessments, mist netting, acoustic surveys or groundwater dye tracing.
19. Development of a sequence of construction or detour plan.
20. Litigation Assistance.
21. Coordination with FEMA and preparation/submittal of a CLOMR and/or LOMR.
22. Services after construction, such as warranty follow-up, operations support, etc.
23. Survey for waterline and sewer line design.
24. Utility potholing in excess of the allowance provided or potholes performed in paved areas.
25. Hydraulic analyses of existing or additional water line extensions not included in this design scope.

Extra Work will be as directed by the Owner in writing for an additional fee as agreed upon by the Owner and Garver.

Attachments: Exhibit A – NEDC Saxon Industrial Park  
Exhibit B – Saxon Utility Extensions

**ATTACHMENT B – SCHEDULE**

The Engineer shall begin work under this Amendment within ten (10) days of a Notice to Proceed (NTP) and shall complete the work in accordance with the schedule below:

<b><u>Phase Description</u></b>	<b><u>Calendar Days</u></b>
Preliminary Design (60% Submittal)	60 days from start date
Final Design (90% Submittal)	30 days from approval of Preliminary Design
Revised Final Design (100% Submittal)	30 days from approval of Final Design





**ATTACHMENT C**  
**John Saxon Blvd. Extension**  
**Garver Hourly Rate Schedule: July 2017 - June 2018**

<b>Classification</b>	<b>Rates</b>
<b>Engineers / Architects</b>	
E-1.....	\$ 102.00
E-2.....	\$ 118.00
E-3.....	\$ 142.00
E-4.....	\$ 166.00
E-5.....	\$ 203.00
E-6.....	\$ 254.00
E-7.....	\$ 337.00
<b>Planners / Environmental Specialist</b>	
P-1.....	\$ 122.00
P-2.....	\$ 153.00
P-3.....	\$ 191.00
P-4.....	\$ 216.00
P-5.....	\$ 251.00
P-6.....	\$ 285.00
P-7.....	\$ 345.00
<b>Designers</b>	
D-1.....	\$ 95.00
D-2.....	\$ 111.00
D-3.....	\$ 132.00
D-4.....	\$ 153.00
<b>Technicians</b>	
T-1.....	\$ 74.00
T-2.....	\$ 94.00
T-3.....	\$ 114.00
<b>Surveyors</b>	
S-1.....	\$ 46.00
S-2.....	\$ 60.00
S-3.....	\$ 81.00
S-4.....	\$ 116.00
S-5.....	\$ 153.00
S-6.....	\$ 174.00
2-Man Crew (Survey).....	\$ 186.00
3-Man Crew (Survey).....	\$ 232.00
2-Man Crew (GPS Survey).....	\$ 206.00
3-Man Crew (GPS Survey).....	\$ 252.00
<b>Construction Observation</b>	
C-1.....	\$ 89.00
C-2.....	\$ 115.00
C-3.....	\$ 140.00
C-4.....	\$ 173.00
<b>Management/Administration</b>	
M-1.....	\$ 345.00
X-1.....	\$ 58.00
X-2.....	\$ 79.00
X-3.....	\$ 110.00
X-4.....	\$ 140.00
X-5.....	\$ 172.00
X-6.....	\$ 219.00

## ATTACHMENT C

### CITY OF NORMAN JOHN SAXON BLVD. EXTENSION

#### FEE SUMMARY

<b>Services</b>	<b>Estimated Fees</b>
<i>Geotechnical Services (Terracon)</i>	\$3,500.00
<i>Utility Potholing (Durham Surveying up to 10 locations)</i>	\$4,000.00
Preliminary Design - Roadway	\$10,700.00
Preliminary Design - Water and Sewer	\$16,600.00
Final Design - Roadway	\$16,400.00
Final Design - Water and Sewer	\$13,600.00
Bidding Services	\$4,500.00
Construction Phase Services	\$12,150.00
<b>Total Estimated Fee</b>	<b>\$81,450.00</b>

**ATTACHMENT C**

**CITY OF NORMAN**

**JOHN SAXON BLVD. EXTENSION**

**Preliminary Design - Roadway**

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-2
	\$265.00	\$212.00	\$173.00	\$148.00	\$123.00	\$107.00	\$98.00
	hr	hr	hr	hr	hr	hr	hr
<b>1. Roadway</b>							
Preliminary Plans							
Typical Sections			1			2	2
Plan & Profile Sheets			2			8	4
Cross Sections			1			4	2
Driveways			2			8	4
Drainage Improvements			2			8	4
Sidewalks			1			2	2
Striping Plans			1			1	1
Coordination with Geotechnical Subconsultant			2				
Coordination with Utility Companies			2				
Coordination and Meetings with Owner			4				
Opinion of Probable Construction Cost			2			4	
QA/QC Review	2		4				
<b>Subtotal - Roadway</b>	<b>2</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>19</b>

<b>Am Hours</b>	<b>2</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>19</b>
<b>Salary Costs</b>	\$530.00	\$0.00	\$4,152.00	\$0.00	\$0.00	\$3,959.00	\$1,862.00

**SUBTOTAL - SALARIES: \$10,503.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$100.00
Postage/Freight/Courier	\$0.00
Travel Costs	\$97.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$197.00**

**SUBTOTAL: \$10,700.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$10,700.00**

**ATTACHMENT C**

**CITY OF NORMAN**

**JOHN SAXON BLVD. EXTENSION**

**Preliminary Design - Water and Sewer**

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-2
	\$265.00	\$212.00	\$173.00	\$148.00	\$123.00	\$107.00	\$98.00
	hr	hr	hr	hr	hr	hr	hr
<b>1. Water</b>							
Site Visit and Field Data Collection			2			2	
appurtenances			1			2	
Prepare Base Plan Sheets			1			2	8
Preliminary Water Design - Horizontal Alignment			1			2	6
Preliminary Water Design - Vertical Profile			1			2	6
Preliminary Water Design - Misc. Details			1			2	5
Preliminary Pay Items, Quantities, and Notes			2			8	
QA/QC Review		1.5	1.5			2	
Opinion of Probable Construction Cost			1			5	
Preliminary Plan Review Meeting with Owner			1.5			1.5	
<b>Subtotal - Water</b>	<b>0</b>	<b>1.5</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>28.5</b>	<b>25</b>
<b>2. Sewer</b>							
Site Visit and Field Data Collection			2			2	
appurtenances			1			3	
Prepare Base Plan Sheets			1			3	8
Preliminary Sewer Design - Horizontal Alignment			1			3	6
Preliminary Sewer Design - Vertical Profile			1			2	6
Preliminary Sewer Design - Misc. Details			1			2	5
Preliminary Pay Items, Quantities, and Notes			2			8	
QA/QC Review		1.5	1.5			2	
Opinion of Probable Construction Cost			1			4	
Preliminary Plan Review Meeting with Owner			1.5			1.5	
<b>Subtotal - Sewer</b>	<b>0</b>	<b>1.5</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>30.5</b>	<b>25</b>

<b>Am Hours</b>	<b>0</b>	<b>3</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>59</b>	<b>50</b>
<b>Salary Costs</b>	<b>\$0.00</b>	<b>\$636.00</b>	<b>\$4,498.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$6,313.00</b>	<b>\$4,900.00</b>

**SUBTOTAL - SALARIES: \$16,347.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$130.00
Postage/Freight/Courier	\$0.00
Travel Costs	\$123.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$253.00**

**SUBTOTAL: \$16,600.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$16,600.00**

**ATTACHMENT C**

**CITY OF NORMAN  
JOHN SAXON BLVD. EXTENSION**

**Final Design - Roadway**

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-2
	\$265.00	\$212.00	\$173.00	\$148.00	\$123.00	\$107.00	\$98.00
	hr	hr	hr	hr	hr	hr	hr
<b>1. Roadway</b>							
Final Plans							
Title Sheet							1
Typical Sections			1			1	2
Summary of Pay Quantities and Notes			2			4	
Drainage Area Map			1			4	
Summary of Drainage Structures			1			2	
Erosion Control Plans			1			2	2
Plan & Profile Sheets			2			4	4
Surfacing Details			1			1	1
Drainage Structure Details			1			1	1
Miscellaneous Details			1			2	2
Cross Sections			1			2	1
Driveways			2			4	2
Drainage Improvements			2			4	
Sidewalks			1			2	
Striping Plans			1			1	
Final Review/Walkthrough with City			2				
Coordination with Utility Companies			2				
Coordination and Meetings with Owner			4				
SWPPP/Coordination with ODEQ			1			2	2
Specifications/Contract Documents			4				
Quantities						2	
Opinion of Probable Construction Cost			1			1	
QA/QC Review	2		4				
Revised Final Plans							
Revisions to Plans from City Comments			4			8	4
Revisions to Specifications			2				
QA/QC Review	2		4				
<b>Subtotal - Roadway</b>	<b>4</b>	<b>0</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>47</b>	<b>22</b>

<b>Hours</b>	<b>4</b>	<b>0</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>47</b>	<b>22</b>
<b>Salary Costs</b>	\$1,060.00	\$0.00	\$7,958.00	\$0.00	\$0.00	\$5,029.00	\$2,156.00

**SUBTOTAL - SALARIES: \$16,203.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$107.00
Postage/Freight/Courier	\$0.00
Travel Costs	\$90.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$197.00**

**SUBTOTAL: \$16,400.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$16,400.00**

**ATTACHMENT C**

**CITY OF NORMAN**

**JOHN SAXON BLVD. EXTENSION**

**Final Design - Water and Sewer**

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-2
	\$265.00	\$212.00	\$173.00	\$148.00	\$123.00	\$107.00	\$98.00
	hr	hr	hr	hr	hr	hr	hr
<b>1. Water</b>							
Final Water Design - Horizontal Alignment			1			2	6
Final Water Design - Vertical Alignment			1			2	6
Final Water Design - Misc. Details			1			2	6
Final Pay Items, Quantities, and Notes			1			2	
QA/QC Review		1.5	1.5			0.5	
Specifications and Special Provisions			2			7	
Opinion of Probable Construction Cost			1.5			5	
Final Plan Review Meeting with Owner			1			2	
Hydraulic Analysis		1				3	
ODEQ Permit			1			2	
<b>Subtotal - Water</b>	<b>0</b>	<b>2.5</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>27.5</b>	<b>18</b>
<b>2. Sewer</b>							
Final Sewer Design - Horizontal Alignment			1			2	6
Final Sewer Design - Vertical Alignment			1			2	6
Final Sewer Design - Misc. Details			1			2	6
Final Pay Items, Quantities, and Notes			1			2	
QA/QC Review		1.5	1.5			0.5	
Specifications and Special Provisions			2			4	
Opinion of Probable Construction Cost			1.5			4	
Final Plan Review Meeting with Owner			1			2	
ODEQ permit			1			2	
<b>Subtotal - Sewer</b>	<b>0</b>	<b>1.5</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>20.5</b>	<b>18</b>
<b>Hours</b>	<b>0</b>	<b>4</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>48</b>	<b>36</b>
<b>Salary Costs</b>	<b>\$0.00</b>	<b>\$848.00</b>	<b>\$3,806.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$5,136.00</b>	<b>\$3,528.00</b>

**SUBTOTAL - SALARIES: \$13,318.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$182.00
Postage/Freight/Courier	\$0.00
Travel Costs	\$100.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$282.00**

**SUBTOTAL: \$13,600.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$13,600.00**

**ATTACHMENT C**  
**CITY OF NORMAN**  
**JOHN SAXON BLVD. EXTENSION**

**Bidding Services**

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-2
	\$265.00	\$212.00	\$173.00	\$148.00	\$123.00	\$107.00	\$98.00
	hr	hr	hr	hr	hr	hr	hr
<b>1. Roadway</b>							
Dispense plans and specs to prospective bidders			2				
Addendums/Inquiries			4			2	
Pre-Bid Meeting			2				
Bid Opening			2				
Prepare bid tabulation			1				
Evaluate bids and recommend award			1				
Prepare construction contracts			2			4	
Notice to Proceed			1				
<b>Subtotal - Roadway</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>
<b>2. Water and Sewer</b>							
Addendums/Inquiries			4			2	
<b>Subtotal - Water and Sewer</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>

<b>Hours</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>
<b>Salary Costs</b>	\$0.00	\$0.00	\$3,287.00	\$0.00	\$0.00	\$856.00	\$0.00

**SUBTOTAL - SALARIES: \$4,143.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$200.00
Postage/Freight/Courier	\$50.00
Travel Costs	\$107.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$357.00**

**SUBTOTAL: \$4,500.00**

**Am SUBCONSULTANTS FEE: \$0.00**

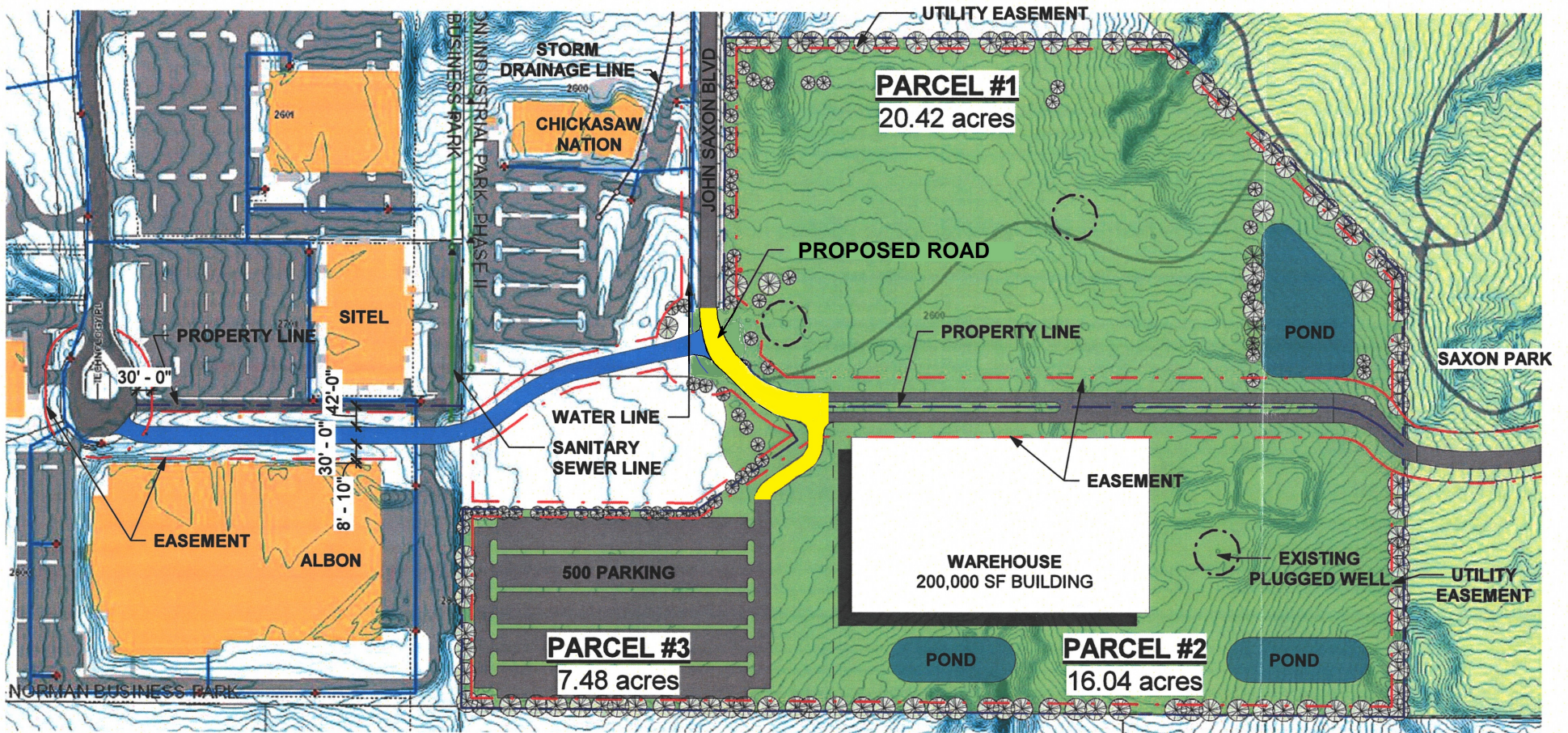
**TOTAL FEE: \$4,500.00**

**ATTACHMENT C**  
**CITY OF NORMAN**  
**JOHN SAXON BLVD. EXTENSION**

**Construction Phase Services**

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	T-2
	\$265.00	\$212.00	\$173.00	\$148.00	\$123.00	\$107.00	\$98.00
	hr	hr	hr	hr	hr	hr	hr
<b>1. Roadway</b>							
Preconstruction Meeting			2				
Utility Coordination Meeting			2				
Progress Meetings with Contractor/City (2 Meetings)			4				
Shop Drawings/Material Submittals			12				
Record Drawings			4				8
On-Site Meetings			4				
Prepare Change Orders			4				
<b>Subtotal - Roadway</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>
<b>2. Water and Sewer</b>							
Respond to RFIs		1	6			8	
Preconstruction Meeting			2			6	
Record Drawings		1	4				16
<b>Subtotal - Water and Sewer</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>16</b>
<b>Hours</b>	<b>0</b>	<b>2</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>24</b>
<b>Salary Costs</b>	<b>\$0.00</b>	<b>\$424.00</b>	<b>\$7,612.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,498.00</b>	<b>\$2,352.00</b>
<b>SUBTOTAL - SALARIES:</b>		<b>\$11,886.00</b>					
<b><u>DIRECT NON-LABOR EXPENSES</u></b>							
Document Printing/Reproduction/Assembly	\$160.00						
Postage/Freight/Courier	\$0.00						
Travel Costs	\$104.00						
<b>SUBTOTAL - DIRECT NON-LABOR EXPENSES:</b>		<b>\$264.00</b>					
<b>Am SUBTOTAL:</b>		<b>\$12,150.00</b>					
<b>SUBCONSULTANTS FEE:</b>		<b>\$0.00</b>					
<b>TOTAL FEE:</b>		<b>\$12,150.00</b>					





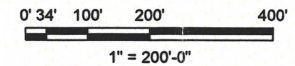
May 9, 2018



## EXHIBIT A

# NEDC SAXON INDUSTRIAL PARK

 Proposed Road  
Constructed by City.





# EXHIBIT B SAXON UTILITY EXTENTIONS

August 11, 2017



WSP | W | S | Company