

## Exhibit “A” – Engineer’s Scope of Services

### **Supplemental Work Authorization # 4: Goforth Road Widening, Reconstruction, and Extension**

#### **Additional Services to be provided by the LAN Team**

#### **Function Code 351 – Construction Engineering**

ENGINEER will continue to support the construction phase of the project as follows.

##### **1. Construction Engineering**

- 1.1 The ENGINEER shall review and comment on Contractor generated submittals and shop drawings for conformance to the project specifications. Review will be limited to up to 40 submittals at two (2) hours per submittal and includes one re-review of each, as needed.
- 1.2 The ENGINEER shall review and respond to up to 12 Contractor generated requests for information (RFIs).
- 1.3 The ENGINEER will continue to be available for additional phone meetings and discussions through the estimated construction completion at the end of May, 2017.
- 1.4 The ENGINEER will investigate different options to run the Kyle Parkway signal off of different services including the proposed illumination service. Voltage drops and calculations will be run and applicable tables updated to allow the contractor to construct the work.
- 1.5 The ENGINEER will assist the City of Kyle with development of Exhibits needed by the County Line Attorney.
- 1.6 The ENGINEER will no longer need to develop As-Built Plans so this work is being removed from the ENGINEER’s scope of work and required deliverables.

##### **Deliverables:**

- Response to Contractor’s Submittals and Shop Drawings
- Response to Contractor’s Request for Information
- Traffic Signal/Illumination Loading Tables
- Exhibits for the County Line Attorney as required by the City of Kyle

#### **SERVICES EXCLUDED FROM THE BASIC SCOPE OF SERVICES**

CITY and ENGINEER agree that the following services are beyond the Scope of Services described in the tasks above. However, ENGINEER can provide these services, if needed, upon the CITY’s written request. Any additional amounts paid to the ENGINEER as a result of any material change to the Scope of the Project shall be agreed upon in writing by both parties before the services are performed. These additional services include the following:

- Construction inspection services

Supplemental Work Authorization # 4: Goforth Road Widening, Reconstruction, and Extension  
Exhibit "C"

Fee Summary	Sr. Project Manager	Technical Expert	Sr Project Engineer	Design Engineer	Design Technician	Task Budget
Prime Consultant: Lockwood, Andrews & Newnam, Inc.	\$250.00	\$215.00	\$200.00	\$145.00	\$115.00	
<b>Construction Phase</b>	<b>3</b>	<b>3</b>	<b>188</b>	<b>14</b>	<b>10</b>	<b>\$ 42,175.00</b>
<b>Function Code 351 Design Verification, Changes, Alterations</b>						<b>\$ 42,175.00</b>
<b>351.01 Construction Engineering</b>						<b>\$ 42,175.00</b>
1. Additional Submittal Review (Up to 40 Additional)			80			\$ 16,000.00
2. Additional Contractor RFI Response (Up to 12 Additional)	5		50		18	\$ 13,320.00
3. Phone Meetings (4 hours/week: Feb - May 2017)			60			\$ 12,000.00
4. Traffic Signal/Illumination Loading Analyses		3	8	6	16	\$ 4,955.00
5. Assisting City of Kyle with the Exhibits the County Line Attorney was needing.			2	8		\$ 1,560.00
6. Prepare As-Built Plans	-2		-12		-24	\$ (5,660.00)

<b>Total for Additional Construction Phase Services: \$ 42,175.00</b>
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