

AMENDMENT NO. NINE

ADDITIONAL SERVICES AUTHORIZATION

The following additional services to the contract for Wilkinson Garden Area Roadway Drainage Improvements, WKD Job #20090089.00.AG, dated March 23, 2009 between The City of Augusta, Georgia (OWNER) and W.K. Dickson & Co., Inc. (CONSULTANT) are authorized.

1. PROJECT UNDERSTANDING. Based on project meeting at AED offices on January 16, 2024, CONSULTANT understands the project to include the following items:
 - a. AED requested additional directions to be added to the presented construction set. These items include direction on milling and paving along the roads within the scope of work and edge treatment for paving/curb and gutter installation.
 - b. AED also requested additional analysis of the flooding at the 1902 Lionel Street property ("Property"). Based on initial investigation (see hydrology report for Wilkinson Gardens, dated January 12, 2024), when the detention pond in the rear of the Southgate Plaza development stages up in storm events, the backwater effects flood the Property. Additional storage is needed in the system below the elevation of the Property to mitigate the flooding. AED will provide system information downstream of the Property for use in modeling efforts to determine the amount of storage required to mitigate the flooding on the Property. A report will be provided with varying options to meet 2-yr, 10-yr, 25-yr, 50-yr and 100-yr levels of service.
 - c. AED requested the culvert under Gordon Hwy to be sized based on the area flowing to it currently. This sizing will be provided to GDOT by AED for an upcoming project along Gordon Hwy. It is assumed that the required sizing will have to meet GDOT level of service.
 - d. Initial scope included approximately 30 easement exhibits for the properties affected by the proposed work. Based on final design and request from the OWNER concerning easement configurations it appears that 101 properties will be impacted. As such, additional easement exhibits are needed. This anticipated overrun in easements for the project is 71.
2. SCOPE OF SERVICES. CONSULTANT shall provide additional services as follows:
 - a. Modify existing construction plans, details, technical specifications, bid forms and construction estimates to include milling of roads and edge treatments to accept overlays associated with proposed improvements. These modifications to the documents will be reflected in the final deliverables.
 - b. Based on previous recommendations for the impacts at 1902 Lionel Street and options for improvements, additional survey and design services are required for Southgate Plaza area and Gordon Highway. CONSULTANT will provide expanded hydraulic analysis to include potential culvert expansions for Gordon Highway crossing that

appears to have a tailwater impact on this area. The CONSULTANT will work with the OWNER to recover the invert information necessary to perform this analysis and will include the addition of detention capabilities at Southgate Plaza. Once this report is considered by the OWNER then the CONSULTANT will add design modifications to the contract documents to define additional construction necessary.

- c. CONSULTANT will modify permitting calculations associated with the plan modifications to add proposed detention additions. This will include potential staging areas and temporary traffic routing plans.
- d. CONSULTANT will prepare modifications to the opinion of probable construction cost associated with additional work areas defined in the plans.
- e. CONSULTANT will prepare up to 72 additional property easement plats associated with temporary and permanent construction easements requested by the OWNER during plan reviews and additional services requested.
- f. The scope includes up to 2 monthly updates and 1 coordination meeting (via Teams) to present deliverables.

Assumptions:

- Scope only includes the above-mentioned plan additions. Any additional plan changes/revisions from review by AED staff can be completed at the standard 2024 hourly rate schedule. Budget estimate will be provided at the time of request.
- Scope of flooding analysis extends from the Property to the crossing at Gordon Hwy. Analysis downstream of Gordon Hwy to Rocky Creek can be completed upon request as an additional service.
- There is a possibility that a solution to mitigate flooding may not be constructable in the existing R/W. Solutions may require the City to acquire private property.
- The sizing for the Gordon Hwy crossing will need to meet GDOT standard culvert crossing requirements, unless otherwise directed by AED. Sizing will be based on GIS data available at the time of contract initiation. If data is not complete, additional survey may be required outside of the scope of this amendment. Note that roadway constraints will be considered and may not allow for the GDOT level of service to be achieved.
- WKD requested data to complete the analysis presented in the Scope of Services via email on February 9, 2024. Delay in receipt of this data will delay completion of Scope of Services.
- The scope includes up to 2 monthly updates and 1 coordination meeting (via Teams) to present deliverables.

Project Deliverables:

- Revised Construction Drawings
- Revised Construction Specifications
- Updated Construction Bid Forms
- Updated Construction Estimate of Cost
- Additional Drainage Report including flooding analysis at the shopping center, 1902 Lionel St., and Gordon Hwy culvert sizing recommendations.

3. TIME OF PERFORMANCE. CONSULTANT's time of performance for the above additional services shall be 8 weeks from the receipt of requested data and notice to proceed.

Schedule and budget is based on prompt deliverable review by the OWNER.

4. COMPENSATION. CONSULTANT shall provide the above Additional Scope of Work for a lump sum fee of **fifty-three thousand five hundred dollars (\$53,500.00)** as broken out in the following table.

Description	Total Fee
Wilkinson Gardens Construction Drawing Updates	\$ 4,000
Flooding Analysis	\$ 12,000
Gordon Highway Crossing Analysis	\$ 4,000
Additional Easement Exhibits	\$ 35,500
Estimated Total Fee	\$ 53,500

5. All services and associated compensation shall be in accordance with the above referenced Contract for Services.

OWNER:

Augusta Engineering Department

By: _____

Title: Director

Date: _____

CONSULTANT:

W.K. DICKSON & CO., INC.

By:  _____

Title: Vice President

Date: 5/9/24