



City of Foley, AL

407 E. Laurel Avenue
Foley, AL 36535

Signature Copy

Resolution: 14-0146-RES

File Number: 14-0271

Enactment Number: 14-0146-RES

Graham Creek Drainage Repairs

WHEREAS, there is a need for resolving drainage issues with two outfall structures located in Graham Creek Estates, and

WHEREAS, Sawgrass, LLC has submitted a proposal to mitigate these drainage concerns.

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Foley, Alabama, as follows:

SECTION 1: Appropriates \$21,000.00 and approves Sawgrass, LLC's contract of the same amount to mitigate drainage issues and the effects on the road with two outfall structures located in Graham Creek Estates, amending Account No. 12-600-9375, A14, GCE accordingly.

SECTION 2: This Resolution shall become effective immediately upon its adoption as required by law.

PASSED, APPROVED AND ADOPTED this 21st day of April, 2014.



President's Signature

Date

4-23-14

Attest by City Clerk

Date

4-23-2014

Mayor's Signature

Date

4/23/2014



5535 Business Parkway, Theodore, AL 36582, P: 251-544-7900
818 N. McKenzie Street, Foley, AL 36535, P: 251-970-7900
F: 251-544-7918
www.sawgrassllc.com

April 7, 2014

Honorable Mayor Koniar
Mayor, City of Foley
407 East Laurel Ave
P.O. Box 1750
Foley, Alabama 36535

RE: Graham Creek Estates – Drainage Repairs

Dear Honorable Mayor Koniar,

Sawgrass Consulting, LLC, (Sawgrass) has been asked to provide a proposal for survey and design services for mitigation of drainage concerns at two outfall locations in Graham Creek Estates; see Exhibit A. Enclosed you will find an attached Scope of Services and corresponding fees that will be required to accomplish this project. It is understood that any permitting to governing authorities will be prepared and submitted by the City of Foley.

We appreciate the opportunity to partner with you on this Project and please do not hesitate to call if you have any questions or need to discuss this Proposal in more detail.

Sincerely,

Stephen Delahunty, PE
Vice President

Scope of Services

Geotechnical Services

Preliminary Testing – Analysis of the existing bedding and overburden materials surrounding the storm drain facilities – See Attachment B.

Topographic Survey

A survey of the Rights-of-Way (ROW) and portions of the adjacent property along Pine Wood Drive and Bay View Drive will be required to verify gradient and drainage area to the Outfalls "A" and "B". We will also gather topographic information on the existing drainage structures within the ROW and the dedicated drainage easements in question. The topographic survey will be used to formulate drainage calculations in order to check the capacities of existing drainage facilities and/or provide the necessary information needed for the design of new drainage facilities (if required). The survey will develop a topographic map of the site at 1-foot intervals and will identify any service utilities that exist within the project limits.

Field Evaluation

Sawgrass will perform a field evaluation to determine the condition state of Outfalls "A" and "B" and upstream network piping. The evaluation and its report will provide an inventory of the pipe sizes, inlet structures, outfall features and their condition. Sawgrass will also meet with the affected property Owners to gather historical information on the drainage issues to aid in the evaluation and also to establish limits of accessibility to the adjacent drainage easements. A preliminary cost estimate will be provided upon completion of this evaluation.

Plan Development

Sawgrass will provide a design repair plan that will include typical section(s), drainage sections, grading plan, repair details, and erosion control plan for the project. The plans will also incorporate the recommendations from the Preliminary Testing report, remedial recommendations from the Field Evaluation, Drainage Calculations, conventional Design and Construction Standards for the City of Foley, and other necessary details required to sufficiently illustrate the design intent. A final cost estimate will be provided with the Plan Development.

Bid Document Preparation and Bidding Assistance

If work will be publically bid for outside services, Sawgrass will provide bid/contract documents for the procurement phase of the project. We will coordinate the advertisement for bidders, hold a pre-bid conference, perform the bid letting and issue a certified bid tab for recommendation to award. Multiple sets of plans and bid documents will be prepared and distributed to all interested vendors.

Construction Inspection and Reporting

Sawgrass personnel will provide Construction Engineering and Inspection (CE&I) services for the development of this project. These services include daily or every other daily review of the Contractor's progress for compliance with the terms and conditions of the Contract Documents and to the Design and Construction Standards for the City of Foley. We will record the quantities of materials used and verify the Contractor's monthly invoices for payment match the services provided in accordance with the unit price contract.

As-Built Drawings

The Engineer's Certification that the installation was in accordance with the approved plans and specifications will be required for the acceptance of the project. Sawgrass will utilize the red-line markups recorded during construction inspection and physical survey of structures to prepare a digital "As-Built" drawing indicating the location of the proposed facilities, as well as the proposed elevations are accurate. This drawing will be issued to the City for Public Works and Engineering reference.

Attachment A

Compensation

Sawgrass will perform the scope of services described herein for the following fees:

Geotechnical Services

Preliminary Testing	\$1,000.00 Lump Sum
Construction Testing	TBD

Survey	\$1,850.00 Lump Sum
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Field Evaluation	\$2,060.00 Lump Sum
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Plan Development	\$6,200.00 Lump Sum
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Bidding Assistance	\$3,100.00 Lump Sum
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Construction Engineering and Inspection	Hourly (Estimated \$4,320.00) (based on four (4) weeks)
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As-Built Drawings	\$1,000.00 Lump Sum
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HOURLY RATE SHEET

PROJECT MANAGER	\$ 150.00 hour
PROFESSIONAL LAND SURVEYOR	\$ 110.00 hour
PROFESSIONAL ENGINEER	\$ 110.00 hour
SURVEY MANAGER	\$ 85.00 hour
TWO (2) MAN SURVEY CREW	\$ 100.00 hour
THREE (3) MAN SURVEY CREW	\$ 130.00 hour
CADD TECHNICIAN	\$ 75.00 hour
CONSTRUCTION REPRESENTATIVE	\$ 70.00 hour
CLERICAL	\$ 50.00 hour

Client Rep Initials

Attachment B

Geotechnical Compensation

GeoCon Engineering & Materials Testing, Inc.

21883 State Highway 181 Fairhope, Alabama 36632
Phone (251) 424-0211

March 31, 2014

Sawgrass, LLC
5535 Business Parkway
Theodore, Alabama 36582

Attn: Mr. Steve Delahunty, P.E.

Re: **Proposal for Geotechnical Exploration**
Graham Creek Estates
Drainage Outfall Repair
Foley, Alabama

Dear Mr. Delahunty:

GeoCon Engineering & Materials Testing, Inc. is pleased to have the opportunity to provide a proposal for geotechnical testing and engineering services for the drainage outfall repair project at the Graham Creek Estates off County Road 12 in Foley, Alabama.

This proposal includes four (4) hand auger test borings with Dynamic Cone Penetrometer soundings to depths of about 5 feet. The purpose of our investigation will be to determine the subgrade soil and ground water conditions in the outfall repair areas and make recommendations regarding subgrade preparation and stabilization.

Based on the proposed hand auger borings, sampling and engineering work scope, we can provide geotechnical testing and engineering services for a cost of \$1,000. We could proceed with the drilling and sampling within one week of your notice to proceed. A completed geotechnical engineering report could be available within 3 days following completion of the drilling and sampling.

Please feel free to contact our office at 424-0211 if you have any questions or if you need any additional information.

Sincerely,

GeoCon Engineering, Inc.



Jason J. Christian, P.E.
Geotechnical Engineer

Exhibit A

