



Goodwyn Mills Cawood

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October 15, 2026

Danielle Carver
Procurement and Capital Projects Manager
Effingham County Board of Commissioners
804 S. Laurel Street
Springfield, GA 31329

REFERENCE:	AMENDMENT NO. 1 – ADDITIONAL SERVICES
PROJECT:	EFFINGHAM COUNTY RECREATION COMPLEX
GMC PROJECT #:	ASAV250004
ORIGINAL AGREEMENT:	March 25, 2025 (Accepted April 1, 2025)

Dear Ms. Carver,

Goodwyn Mills Cawood, LLC (GMC) is pleased to submit this amendment to our original agreement for the Effingham County Recreation Complex to include additional subsurface utility investigation and water leak detection services for the existing site located at 786 State Road 119, Springfield, Georgia.

These services will help identify existing underground utilities and potential water leaks throughout the property to support the ongoing master planning and design efforts.

ADDITIONAL SCOPE OF SERVICES

GMC will coordinate with Ground Penetrating Radar Systems, LLC (GPRS) to provide the following services within the approximately 11-acre project area identified in the attached GPRS proposal.

1. Underground Utility Investigation and Mapping

- Perform ground penetrating radar (GPR) scanning and electromagnetic utility locating throughout the designated site.
- Identify and trace detectable underground utilities, including utilities associated with existing buildings and site infrastructure.
- Mark detected utility locations on the ground using paint, flags, or other appropriate methods.
- Prepare a utility findings report documenting identified utilities, site observations, and limitations.
- Provide utility mapping in CAD format for reference and coordination with the proposed site improvements.
- Provide access to the GPRS SiteMap platform for review and management of the collected utility information.



2. Water Leak Detection

- Perform water leak detection services within the designated project area to investigate known or suspected leaks in the existing water distribution system.
- Utilize acoustic leak detection equipment and other appropriate methods to identify potential leak locations.
- Document findings and identify potential leak locations for further evaluation or repair by the Owner.

3. Coordination

GMC will coordinate the above services with GPRS, review the findings, and incorporate relevant utility information into the project design documents, as appropriate.

The services will be performed in accordance with GPRS Proposal No. GPRSQUOTE-315970, dated October 2, 2026, attached for reference. Utility locations and depths are approximate and are not intended to replace a survey-grade utility investigation. Excavation, utility repairs, and destructive verification are not included in this amendment.

ADDITIONAL COMPENSATION

The proposed additional compensation is as follows:

Description	Fee
Underground Utility Investigation, Mapping, and Reporting	\$19,500.00
Water Leak Detection	\$4,400.00
<i>Subtotal – Consultant Services</i>	<i>\$23,900.00</i>
Reimbursable Expenses Markup (20%)	\$4,780.00
Total Additional Services	\$28,680.00

REVISED CONTRACT COMPENSATION

Description	Fee
Original Agreement	\$194,000.00
Amendment No. 1 – Additional Services	\$28,680.00
Revised Total Contract Compensation	\$222,680.00



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SCHEDULE

GMC will coordinate with GPRS to schedule the investigation upon written authorization to proceed. The schedule will be subject to GPRS availability, site access, and coordination with the Owner.

TERMS AND CONDITIONS

All other terms and conditions of the original agreement dated March 25, 2025, shall remain unchanged and in full force and effect.

We appreciate the opportunity to continue supporting Effingham County and look forward to assisting with the successful development of the Recreation Complex.

Sincerely,

GOODWYN MILLS CAWOOD, LLC

A handwritten signature in black ink, appearing to read 'Ana Manzo', written over a horizontal line.

Ana Manzo, AIA, NCARB, LEED® GA
Savannah Practice Leader, Architecture

AGREED:

Signed

By

Date



GOODWYN MILLS CAWOOD LLC - SAVANNAH GA



**FIELD^{TO}
FINISH**

Nationwide field team.
Above & below-ground data capture.
As-builts, maps & models delivered in SiteMap®.

UTILITY LOCATING ■ VIDEO PIPE INSPECTION ■ LEAK DETECTION ■ CONCRETE SCANNING ■ REALITY CAPTURE ■ MAPPING & MODELING

October 2, 2026

Client: GOODWYN MILLS CAWOOD LLC - SAVANNAH GA

Project Address: 786 State Road 119 Springfield, GA 31329

Quote Number: GPRSQUOTE-315970

GPRS Opportunity Name/Number: GMC - Effingham County Annex Renovation
Opp# 607986

Submitted By:

Jeff DeHart

To schedule, please email:

georgiainfo@gprsinc.com

GPRS appreciates the opportunity to provide this proposal. We encourage you to visit our website (www.gprsinc.com) and contact any of the numerous references listed. Our insurance certificate and W-9 can also be downloaded [here](#). Please feel free to contact us if you have any questions or need additional information. Visit for an overview of our industry-leading best practices.

SCOPE OF WORK

Underground Utility: We understand the scope of work on this project is to search for underground utilities in the areas defined by the client which total up to 11 acres. We will attempt to trace any utilities for which structures are visible from the work area. Utilities will be marked on the surface using paint, pin flags, or other appropriate means. The client will be responsible for providing drawings or notifying GPRS of any utilities entering the work area for which there are no apparent surface features or structures visible from the work area. To avoid additional charges, the areas should be laid out, marked, and cleared of obstructions before our arrival. Please visit www.simspec.org for an overview of our industry-leading best practices that will be applied to this project.

- GPRS is not responsible for housekeeping. Any debris, equipment, or other obstructions in the area at the time of scanning could potentially block out needed data.
- A thorough utility search can only be completed if GPRS is given access to all utility structures, interior and exterior. This service is never a replacement for the use of the state One Call system (811).
- All of our technicians have OSHA-10 safety training or greater. Site-specific safety training is not included in this quote. Please notify us if this project requires additional safety training.

EQUIPMENT

- **Underground Scanning GPR Antenna.** This GPR Antenna uses frequencies ranging from 250 MHz to 450 MHz and is mounted in a stroller frame that rolls over the surface. Data is displayed on a screen and marked in the field in real-time. The surface needs to be reasonably smooth and unobstructed to obtain readable scans. Obstructions such as curbs, landscaping, and vegetation will limit the efficacy of GPR. The total effective scan depth can be as much as 8' or more with this antenna but can vary widely depending on the soil conditions and composition. Some soil types, such as clay, may limit maximum depths to 3' or less. As depth increases, targets must be larger to be detected, and non-metallic targets can be challenging to locate. The depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. For more information, please visit: [Link](#)
- **Electromagnetic Pipe Locator.** This receiver can passively detect the signals from live AC power or radio signals traveling along some conductive utilities. Operators can connect a transmitter directly to accessible metallic pipes, risers, or tracer wires to generate a current at a specific frequency. The receiver can then detect the resulting signal along the pipe or tracer wire. Various factors may impact this device's effectiveness, including (but not limited to) access to the utility, conductivity, grounding, and interference from other utilities. The depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. For more information, please visit: [Link](#)
- **Traceable Rodder.** The rodder consists of a copper wire encased in fiberglass. This device is pushed through a pipe with direct access, such as a sewer line at a cleanout or a storm drain catch basin. Operators then induce a current on the wire and trace the signal from the surface. The maximum traceable depth is 10' depending on the soil conditions, and the maximum distance is 200'. Inserting the rodder into deeper pipes within manholes may not be feasible depending on site conditions. GPRS will not access electrical conduits. The signal is not detectable through metallic pipes. For more information, please visit: [Link](#)
- **GPS.** This handheld unit offers accuracy down to 4 inches; however, the accuracy achieved will depend on the satellite environment at the time of collection and is not considered survey-grade. Features can be collected as points, lines, or areas and then exported as a KML/KMZ or overlaid on a CAD drawing. For more information, please visit: [Link](#)

OPTIONAL EQUIPMENT

- **Leak Noise Amplification.** The Leak Noise Amplification system consists of a control unit, a microphone, and headphones. It is used to listen for leak noise at water system contact points (valves, hydrants, etc.) to identify a general location of a potential water leak. This system may also be used with a ground microphone to attempt to pinpoint the leak from the surface. Various factors may affect its effectiveness, such as pipe size and material, water pressure, leak size, soil type, and noise interference from traffic, machinery, etc.
- **Leak Noise Correlator.** The Leak Noise Correlator consists of sensors placed on water system contact points. The device will process sound signals between the contact points to provide a position of the leak between the two points. The Leak Noise Correlator's accuracy depends on the feasibility of locating the pipe and requires accurate information from the client regarding pipe attributes such as size and material.

SITEMAP® PROFESSIONAL LICENSE

SiteMap® is a GIS platform designed to visualize all outdoor utility locates on a site. The data from each engagement is added to the system automatically. SiteMap® stores geolocated facility documents created by GPRS and enables users to visualize, print, share, and export data to use in other software tools. Named SiteMap® users receive access to all new GPRS data within a defined boundary along with dedicated customer support resources.

EXTERIOR UTILITY LOCATES INCLUDE:



Field Markings & GPS Mapping



Job Summary

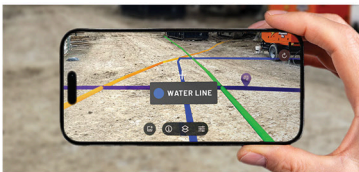


Reference Map with KMZ, PDF, & SHP Files

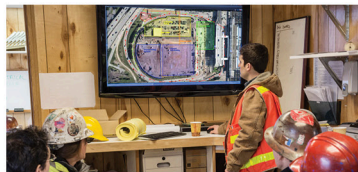


Findings Delivered in Sitemap

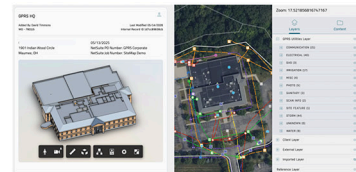
UPGRADED SITEMAP SUBSCRIPTION INCLUDES:



Augmented Reality

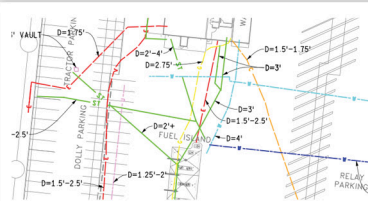


My Dig Board

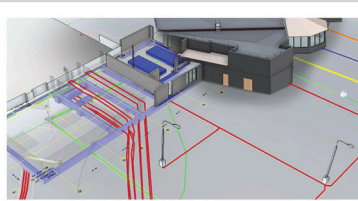


Complete Site Data Visualization

ADDITIONAL OPTIONS:



2D CAD Drawings



Subsurface 3D Model



VIEW MORE ON
OUR MAPPING &
MODELING PAGE

Supporting Documentation



GPRS will scan within the area marked in RED

PROJECT COSTS

SERVICE	DESCRIPTION
FIELD SERVICES	Described on Page 2
JOB SUMMARY REPORT	PDF including a brief description of equipment used, findings, limitations, and site photos sent at the conclusion of every job.
SITEMAP® PROFESSIONAL ACCESS	One-year access for up to nine (9) standard users and one (1) administrative user. A list of user and admin names and email addresses will need to be provided by the client after the agreement is signed and returned to get those people into the SiteMap system. For more information, please visit: Link
CAD DRAWING	Findings will be drafted as linework in CAD and overlaid with satellite imagery, drone imagery, client drawings, or laser scan data as applicable. Results are not survey-grade accuracy. See example: Link
TOTAL + tax if applicable	Tax will only be added to the SiteMap® portion of the total. \$19,500.00 +tax
OPTIONAL SERVICES (INITIAL IF DESIRED)	
Field Services - Leak Detection	GPRS will attempt to locate a known or suspected water leak in your system. Please mark the boundaries of the work area on the surface before our arrival on site, or provide a representative to meet and advise us regarding the scope of work and desired work areas. Initial ____ \$4,400

GENERAL TERMS & CONDITIONS

This proposal is subject to the General Terms and Conditions for Services of Ground Penetrating Radar Systems, LLC posted at [Link](#) (the "Terms and Conditions") and the Authorized User License Agreement for SiteMap® Accounts at [Link](#) and is hereby incorporated by reference into and made a part of this proposal. Customer acknowledges it has read and agrees to be bound by such Terms and Conditions. In the event of any conflict between the terms of this proposal and the Terms and Conditions, the Terms and Conditions will prevail.

- Customer agrees to meet and perform all requirements described in this document and has fully read and understands all items listed within this document.
- It is the customer's responsibility to prepare the site for scanning, including clearly identifying areas to be scanned, securing access to all areas required for scanning, removing and keeping these areas clear and free of obstructions. Delays caused by customer's failure to do so may result in an increased price.
- GPRS does not conduct an investigation, analysis, or interpretation of soil composition, soil/concrete conditions, or geophysical, geological, engineering, or land surveying information. The customer acknowledges understanding that we are merely reporting retrieved data and that we do NOT provide geophysical, geological, engineering, or land surveying services. Customer should contact a professional in those fields if such services are needed. Data collected during may only be suitable for use within the scope of this proposal.
- If any work to be performed is within a road or street, unless specifically included by GPRS within this proposal, it is the customer's responsibility to provide adequate traffic control to allow GPRS' personnel to safely and efficiently work in the road/street.
- Time-on-site in excess of 8-hours will be billed at overtime rates.
- This price assumes that we will be given access to perform the work during normal, weekday business hours. Work performed outside of 6am-5pm Monday-Friday will be billed at overtime rates.
- These rates assume that there are no certified payroll or prevailing wage requirements for this work. If GPRS receives notice that any of these conditions exist, there will be additional costs.
- If this proposal is not accepted within 90 days of October 2, 2026, then the pricing may be subject to review.
- If for some reason the technician arrives on site and the work is cancelled there will be a charge of \$500 per requested technician.
- If your project is in WV, SD, NM, or HI: State sales tax is not included in the total on this proposal, but will be included on the invoice.
- Payment Terms are Net 30; or as specified if a current Master Service Agreement is in place. GPRS facilitates the use of ACH or bank-to-bank payment remittance at no cost. A convenience fee will be applied to payments made by credit card.

ACCEPTED AND AGREED

Print Name: _____ Signature: _____ Date: _____

Company Phone/Email: _____ PO #: _____ Job #: _____