



August 7, 2016

Rev. Clarence Williams
Greater Mount Zion AME Church
1045 16th St S
St. Petersburg, FL 33705

**Subject: Proposal to Perform a Geophysical Survey
Lincoln Cemetery
Gulfport, Florida
GeoView Proposal Number 5694p**

Rev. Clarence Williams,

The purpose of this letter is to transmit a proposal to complete a geophysical investigation at the subject site. The purpose of the geophysical investigation will be to determine the presence and location of surface features and/or artifacts associated with possible graves. This proposal is in response to a recent request for proposal. GeoView, Inc. appreciates the opportunity to provide our services on this project. We look forward to hearing from you soon.

Sincerely,

GEOVIEW, INC.

Christopher Taylor, P.G.
Vice President

A Geophysical Services Company

*4610 Central Avenue
St. Petersburg, FL 33711*

*Tel.: (727) 209-2334
Fax: (727) 328-2477*

Proposal

This document shall serve as proposal for work to be performed by GeoView, Inc. (GeoView) for Greater Mount Zion AME Church.

Description of Site

The project site is located at the Lincoln Cemetery, northeast of the intersection of Little League Boulevard and 58th Street South in Gulfport, Florida. The site contains an existing cemetery (Figure 1). Based on historical information provided by others, there may be unmarked graves within the cemetery. The area of investigation is approximately 9 acres in size. The site is clear and accessible to the investigation. The purpose of the geophysical investigation will be to determine the presence and location of graves within the survey area.

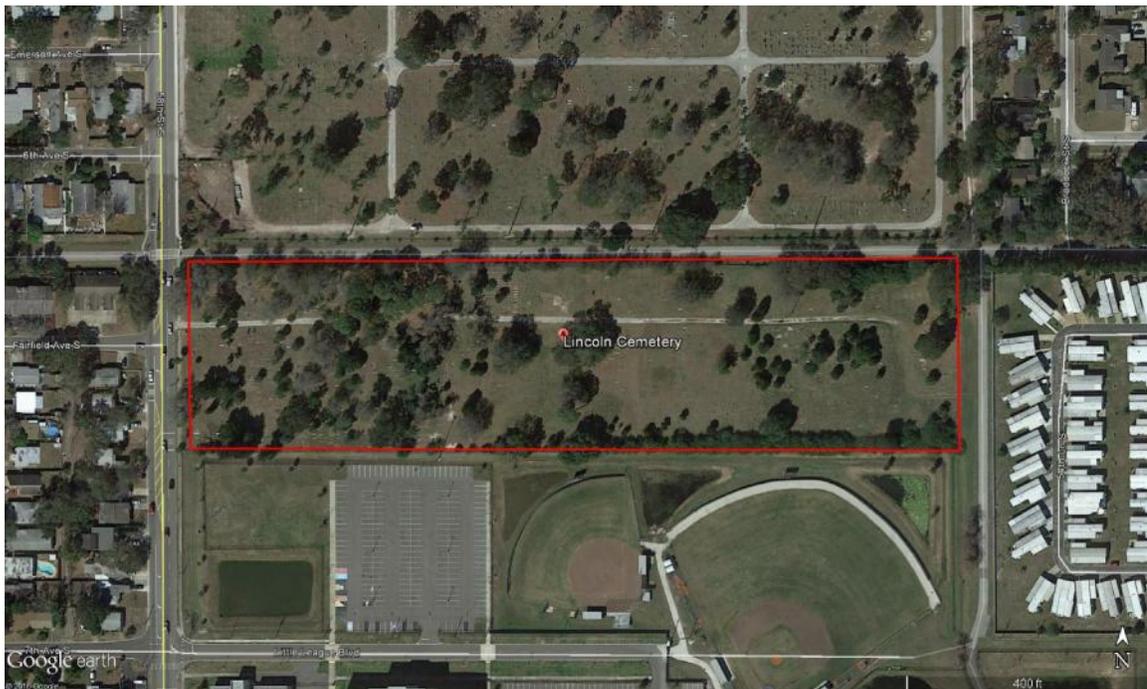


Figure 1 - Site Location

Scope of Work

The purpose of the survey will be to map the locations of possible graves at the project site. The geophysical survey will be conducted within the specified survey area using ground penetrating radar (GPR). The GPR survey will be conducted using either a Mala GPR system with a 500 Mega-Hertz (MHz) antenna or a GSSI GPR system with a 400 MHz antenna. Initial GPR tests will be performed over marked or

known gravesites in order to provide a solid baseline by which to compare to the GPR data.

In any large areas that are without obstruction, the GPR survey will be conducted along a system of parallel-orientated transects spaced 2 ft apart. Within suspicious areas, or areas that show multiple suspected GPR anomalies, additional GPR transects may be performed to further characterize the anomalies. The GPR transects will be orientated so they are most likely perpendicular to the long axis of the suspected targets. The GPR data will be processed using 3-D analysis software to provide three dimensional time slices that will show the plan view location of the suspect features as a function of depth. Through this 3-D analysis of the GPR data it will be possible to readily determine both the plan view geometry and depth range of any anomalous area.

Examples of time slices produced through 3-D analysis are provided in Appendix 1. The data are presented in a plan view series of “depth slices”. The time slice of 0 to .5 feet bls shows circular patterns which are the result of changes in soil moisture and/or vegetation from irrigation systems. The wide linear feature across the middle of the site is an asphalt roadway. The time slices from 3 to 4 feet bls clearly show the suspected graves and several suspected utilities. Example 2 shows graves located between the cemetery and I-95.

Within areas that are heavily vegetated or have extremely uneven surface topography, the GPR data will be collected in a reconnaissance mode. With this style of surveying, data will be collected where accessible and analyzed in the field. Anomalous features will be marked in the field and their GPS positions will be recorded. Time slices will not be created within these areas.

The results from the geophysical investigation will be presented in a final report. The final report will include a description of the project site, a discussion of the GPR method and a presentation of results. The final report will include a scaled AutoCAD or ARC GIS map showing any suspected gravesites or other anomalies and any pertinent landmarks. In addition, the report will include a table showing the coordinates of the survey grid, suspected cemetery boundaries, suspected gravesites, and tombstones (visible). The GPS positions will be recorded using a Trimble GeoXH GPS. A secondary Zephyr antenna will be used during the data collection and the raw data will be differentially corrected during post processing to achieve sub-meter accuracy (optimally) and will be presented in NAD 83, State Plane (feet) format.

Compensation

It is estimated that the data collection will take approximately 12 days to complete, with additional office time for the data analysis. The price to conduct the geophysical investigation will be \$2500 per acre if done on a per acre basis, or \$20,000 for the entire 9 acres to be scanned. These costs are inclusive of all expenses related to the project, including mobilization, per diem, fieldwork and report preparation. Unless otherwise agreed upon, GeoView shall be compensated for all services within 30 days of invoice date. GeoView shall be paid in full regardless of whether the results of the geophysical survey are what were anticipated by Greater Mount Zion AME Church. If it is determined during the survey that the geophysical survey will not achieve the objectives of the project, Greater Mount Zion AME Church will immediately be notified. If a decision is made to discontinue the survey, only charges for time and materials costs to that point will be submitted.

Requirements of Client

Greater Mount Zion AME Church will provide a scaled map and digital file, if available, of the project site showing the boundaries of the project site, areas of specific concern, suspected underground utilities and pertinent landmarks. Greater Mount Zion AME Church will also supply, if available, historical maps of the project site. Unless otherwise requested, Greater Mount Zion AME Church will be responsible for the coordination of site access, traffic control, clearing of onsite obstructions or any other logistical consideration necessary to conduct the survey.

Limitations

The objective of the geophysical survey is to determine the presence of historical targets. However, the geophysical response of these features may be highly complex depending upon on the physical characteristics of the targets, the electrical properties of the surrounding soils and the depth of burial of the targets. If the electrical contrast between the targets and surrounding soils is insufficient or the depth of burial for the targets too great, then the GPR method will not be able to identify the targets.

GeoView shall conduct the geophysical survey using the most “up-to-date” geophysical equipment in a manner consistent with the level of care and skill ordinarily exercised by members of the geophysical profession practicing in the same locality under similar conditions.

Other Terms and Conditions

Additional Insured: If requested, Greater Mount Zion AME Church will be named as an additional insured with respect to the services to be performed under this agreement.

Confidentiality: GeoView shall not directly or indirectly disclose to any third person information regarding the results of the geophysical investigation prior to obtaining written permission from Greater Mount Zion AME Church

Agreement: This agreement represents the entire agreement between the parties and may only be modified in writing signed by both parties.

Governing Law: This agreement shall be deemed to have been made in the place of performance of the Geophysical Services and shall be governed by, and construed in accordance with the laws of the State of Florida. Any controversy or claim arising out of this agreement, or breach thereof, shall be settled by binding arbitration administered by the American Arbitration Association under its Construction Industry Arbitration rules. Judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.

Indemnity: GeoView agrees to indemnify, protect and hold harmless Greater Mount Zion AME Church from and against all liabilities, claims or demands of every kind of injury, including death, or damages to any person or property related in any way to GeoView's performance of this agreement, except to the extent such liabilities, claims or demands are caused by the negligence or willful misconduct of Greater Mount Zion AME Church

GEOVIEW, INC.
PROPOSAL ACCEPTANCE SHEET

Project Name and Location: **Lincoln Cemetery**
Gulfport, Florida
GeoView Proposal: **5694p**
Proposal Date: **August 7, 2016**
Description of Services **Provide GPR Surveying Services**
Project Cost: **see compensation page 3**
Payment Terms: **Within 30 days of invoice receipt**

CHARGE INVOICE TO THE ACCOUNT OF:

Client: Greater Mount Zion AME Church
Address: 1045 16th St S, St. Petersburg, FL 33705
Attention: Rev. Clarence Williams
Phone No.: (727) 773-7581 Email: pastorc@greatermtzioname.org

FOR APPROVAL OF CHARGES:

Firm: _____
Address: _____
Phone No.: _____ Fax No: _____
Attention: _____

Special Instructions and/or Mutually Agreed Upon Changes to the Proposal:

In witness thereof, the parties hereto have made and executed this Agreement

Client: _____

GeoView, Inc.

Signature _____



By: _____

By: Christopher Taylor, P.G.

Title: _____

Title: Vice President

Date Signed: _____

Date Signed: August 7, 2016

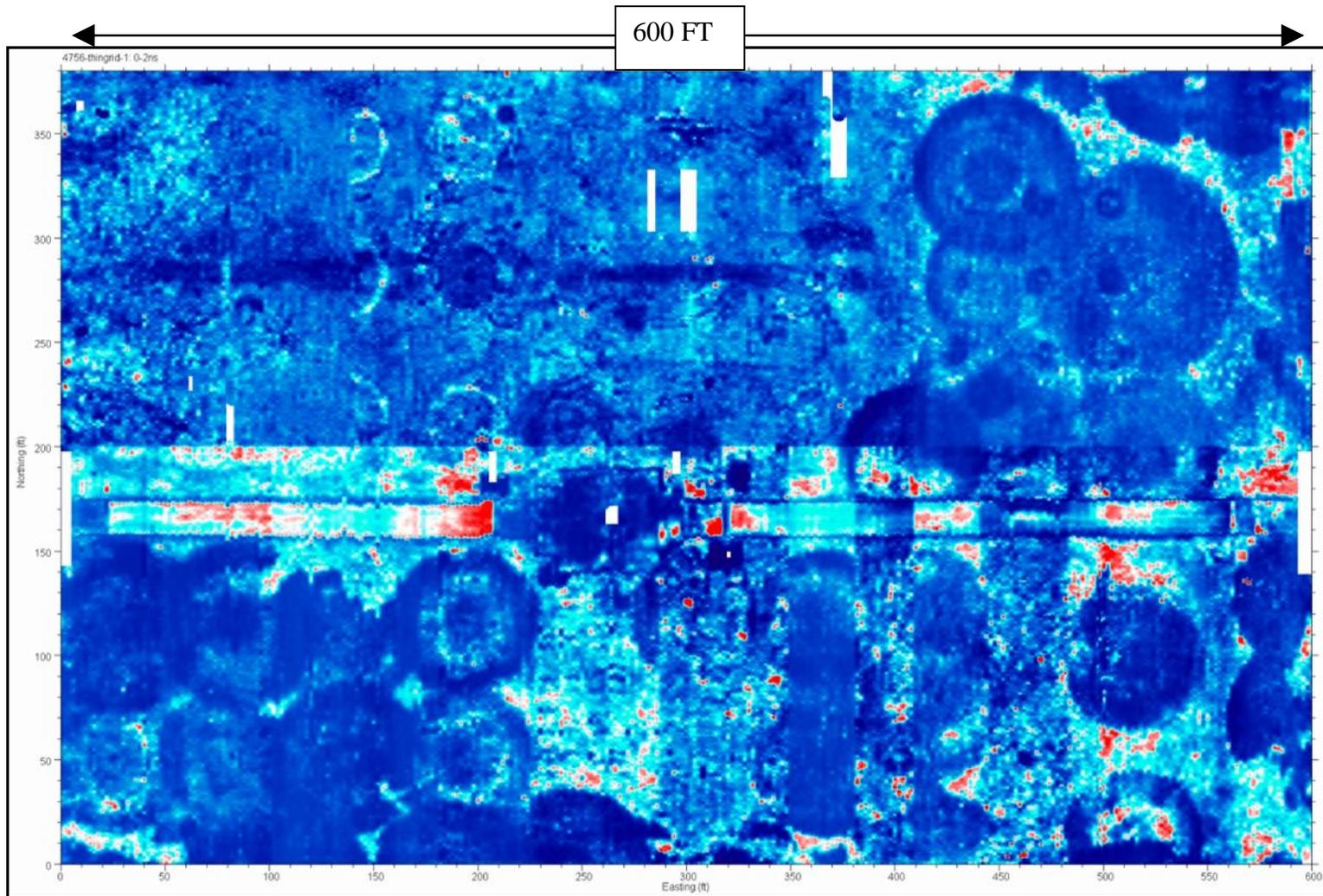
APPENDIX 1
EXAMPLE OF GPR TIME SLICES

EXAMPLE 1

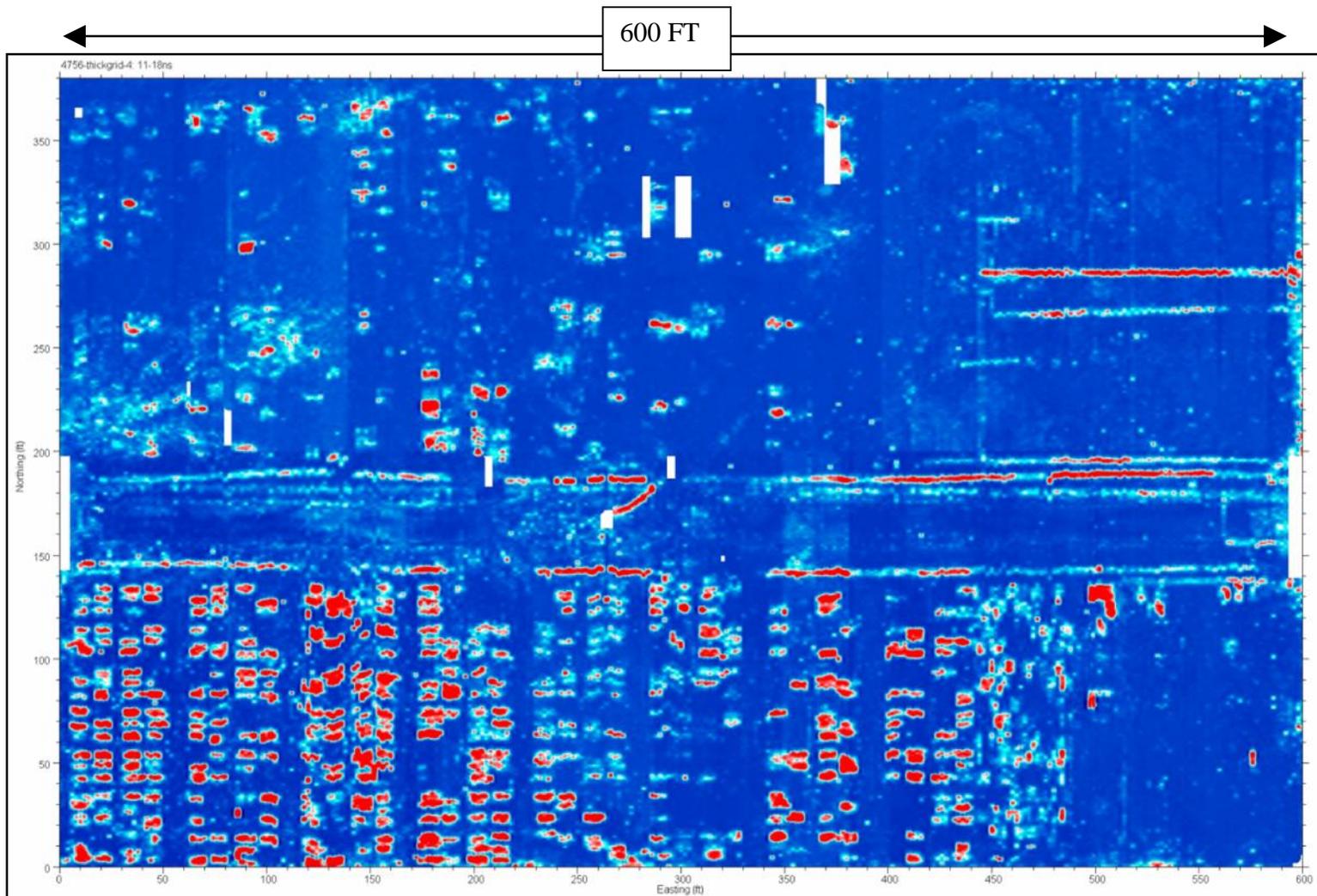
**THE SITE SELECTED FOR THIS DATA SAMPLE WAS LOCATED
IN CENTRAL FLORIDA AND WAS
APPROXIMATELY 600 FEET BY 380 FEET IN SIZE.**

THE GPR DATA WAS COLLECTED ON TWO FOOT PARALLEL LINES

PURPOSE WAS TO LOCATE UNMARKED GRAVES WITHIN THE CEMETERY



An example of a GPR Time Slice at a depth of 0 to .5 feet. The circular patterns are the result of changes in soil moisture and/or vegetation from irrigation systems. The linear feature across the middle of the site is an asphalt roadway.



An example of a GPR Time Slice at a depth of 3 to 4 feet. The red rectangular features are suspected gravesites. The red linear features are suspected underground utilities.

EXAMPLE 2

**THE SITE SELECTED FOR THIS DATA SAMPLE WAS LOCATED
IN EAST FLORIDA AND WAS
APPROXIMATELY 290 FEET BY 22 FEET IN SIZE.**

THE GPR DATA WAS COLLECTED ON ONE FOOT PARALLEL LINES

PURPOSE WAS TO LOCATE GRAVES BETWEEN THE MARKED CEMETERY AND I-95



INTERSTATE-95

LIGHT POLE

FENCE
(REMOVED FOR SURVEY)

LIGHT POLE

EXPLANATION

-  LOCATION OF GPR TRANSECT LINES
-  LOCATION OF GRAVESTONE OR VISIBLE CONCRETE VAULT



FIGURE 1
SITE MAP
SHOWING
LOCATION OF
GEOPHYSICAL
INVESTIGATION



SCALE: 1"=20' APPROXIMATE

PROJECT:
22064
DATE:
05/14/15



INTERSTATE-95



EXPLANATION

- BOUNDARY OF GPR SURVEY AREA
- LOCATION OF GRAVESTONE OR VISIBLE CONCRETE VAULT
- LOCATION OF SUSPECTED GRAVE (STRONG GPR RESPONSE)
- LOCATION OF PROBABLE GRAVE (MODERATE GPR RESPONSE)

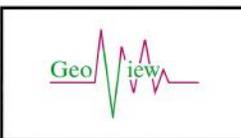
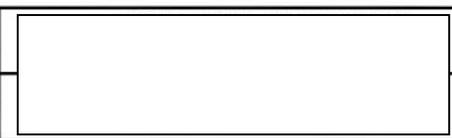


FIGURE 4
 SITE MAP
 SHOWING GPR
 DEPTH SLICE OF
 1.5 TO 3.5 FT BLS



PROJECT:
 22064
 DATE:
 05/14/15