



October 13, 2025

Ms. Sarah Siekkinen
RossTarrant Architects
101 Old Lafayette Avenue
Lexington, KY 40502
e. ssiekkinen@rosstarrant.com

**Subject: Proposal for Geotechnical Engineering Services
 Marion County ATC
 Proposal #122825**

Ms. Siekkinen,

Solid Ground Consulting Engineers, PLLC (Solid Ground) are pleased to provide you with this proposal for Geotechnical Services for the Marion County ATC renovation in Lebanon, Kentucky. This proposal details project information, proposed scope of services, schedule, and estimated cost.

Project Description and Location

We understand that this project consists of the renovation of Marion County ATC located at 721 East Main Street in Lebanon, Kentucky.



Recommended Geotechnical Exploration Program

We propose a minimum of eight (8) (B-1 through B-8) sample borings, advancing fifteen (15) feet or to refusal (whichever is achieved first). A minimum of one (1) boring is to be extended to bedrock. A minimum of one (1) sample boring within the boring footprint shall be cored for a rock sample if bedrock is encountered within the first fifteen (15) feet. Coring will be performed to a minimum depth of ten (10) feet. The samples will be retrieved and transported to the laboratory for further analysis. All boring locations will be surveyed with handheld GPS.

Laboratory Testing

As the geotechnical professional, we will examine the recovered samples and visually classify them according to the Unified Soil Classification System (USCS) (ASTM D-2488). Depending on the conditions encountered, the following laboratory tests may be performed in addition to the infiltration testing as described above:

- Natural moisture contents
- Atterberg Limits
- Wash #200
- Expansion Index
- California Bearing Ratio (CBR)

Geotechnical Scope of Services

After the field work and analyses are complete, issue a report describing the exploration and outlining the geotechnical observations and measurements. The data report will include the following:

- A discussion of site surface conditions
- A discussion of subsurface conditions encountered as well as a discussion of the published geologic conditions at the site including frost penetration depth
- A summary of field and laboratory testing results including a brief review our test procedures
- Boring logs and laboratory tests will be summarized in the report and listed in the appendix
- A discussion of specific geotechnical conditions and concerns which may affect the design or construction of the project
- Recommendations for site preparation and construction of compacted fills including use of alternative construction practices
- Groundwater management recommendations
- Liquefaction potential and mitigation recommendations



- Recommendations for foundation design including recommended bearing capacity
- Recommended general design and construction criteria for the pavement and concrete pad areas.
- A recommendation for seismic site class according to International Building Code which was adopted by the 2018 Kentucky Building Code (KBC)
- A brief review of our test procedures and the results of all testing conducted

Anticipated Schedule

Typically, we can begin this project within one (1) week after receiving written authorization. We expect field exploration to take two (2) days. **The entire project is expected to take approximately 3 weeks after the completion of our drilling services.** We can normally provide preliminary verbal recommendations soon after the exploration has been completed.

Compensation

Based on the work scope described previously, we propose a **fee of \$7,850.00 for the Geotechnical Services**. The fee estimate is based on the scope of services outlined in this proposal.

It is understood that compensation for the Geotechnical Exploration is to be paid following completion of associated field work and issue of the final report.

Authorization

To authorize the proposed Geotechnical Exploration, please sign the attached Proposal Acceptance Sheet and return one complete original of the proposal to us.

Qualifications and Limitations

It is assumed, unless notified otherwise, that we will have permission to work on the site with our equipment and personnel. We will contact the local utility locators (Kentucky Call–Before–You–Dig) prior to the site visit. The utility location services will only mark public utility lines; therefore, assistance will be needed locating private lines or underground structures, if they exist. If private underground utilities exist, they should be located prior to the site visit. We request that the Owner mark the sprinkler heads prior to our mobilization.

The equipment will leave some areas disturbed. An effort will be made to limit the site disturbance; however, the fee does not include restoring the site to its original condition. The borings will be backfilled



during the site visit. The backfill material will consist of the materials that are excavated, unless specifically requested by the client.

Insurance

Solid Ground maintains insurance at or in excess of Professional Liability (\$500,000/\$1,000,000), General Liability (\$2,000,000), Automobile Liability (\$1,000,000), and Workman's Compensation Statutory Limits and can provide a copy of our policies naming Marion County Schools as an additional insured if needed.

Payment Terms

The client understands that we will be compensated for performing the services in accordance with the scope of work detailed in this proposal. Invoices will be issued after the geotechnical report is issued. The client agrees to pay all charges not in dispute within 30 days of receipt of the invoice and recognizes that charges not paid within 30 days are subject to a late payment charge of 1.5 percent. The Client shall provide notification within 10 days of receipt of the invoice should the invoice contain charges the Client intends to dispute.



Proposal Acceptance

We appreciate the opportunity to provide our consulting services to you. We look forward to working with you on this project. If you have any questions, we would be glad to address them. If this proposal is acceptable as written, please have the person responsible for payment sign one copy and return it to our office. That will be our indication to begin work. Once again, thank you for considering our firm for this project.

SIGNATURE:



PRINTED NAME & TITLE:

Emily Kerns – Staff Engineer

DATE:

October 13, 2025

CLIENT or CLINET REP:

SIGNATURE:

PRINTED NAME & TITLE:

DATE:

Please submit one copy to Solid Ground Consulting Engineers, PLLC by email correspondence or mail.

BILL TO (If different from Client or Client Rep)

Name:

Phone:

Email:

