



January 2, 2025

**Elizabethtown Independent Schools Board of Education
219 Helm St
Elizabethtown, KY 42701**

**ATTN: Emma Moore
RossTarrant Architects
e. emore@rosstarrant.com**

**Subject: Proposal for Special Inspections Services & Materials Testing
TK Stone MS Renovations and Addition
Elizabethtown, Kentucky
Solid Ground Proposal No. 148224**

Solid Ground Consulting Engineers, PLLC (Solid Ground) is pleased to provide you with this proposal for Special Inspections Services and Materials Testing for the proposed TK Stone MS Renovations and Addition project in Elizabethtown, KY. This proposal details project information, proposed scope of services, schedule and estimated cost.

The project consists of two new building additions for the existing school located at 323 Morningside Drive, Elizabethtown, KY 42701. The two school additions are approximately 3,150 square feet and 9,330 square feet.

Scope of Services

Based on the project plans the following services will be performed:

Soils

- Observe materials below shallow foundations and grade beams to verify foundation remediation is in accordance with plans and specifications.
- Observe that soil conditions across the site comply with the recommendations contained in the requirements set forth in the project plans, specifications, and the geotechnical report.
- Perform density and moisture testing across the entire site.
- Confirm removal of any objectionable soils after topsoil stripping.

Concrete

- Verify use of the required design mix.
- Observe reinforcing steel, as well as anchor bolts, during foundations and slab on grade construction.
- Placement of cast in place bolts or other embedded anchors prior to and during concrete placement.
- Sample and perform tests on plastic concrete in the field which includes slump, air content, temperature, and other tests required by the project specifications.
- Review of placement and curing techniques of the fresh concrete.
- Make 4 by 8 inch concrete cylinder specimens for compressive strength testing.
- Hydrate, test, and report concrete cylinder test specimens as required by the specifications.

Reinforced Masonry

- Observe the consistency of site-prepared mortar; placement of masonry units and the construction of mortar joints and location of reinforcement and connectors.
- Verification of size and location of structural elements, type, size and locations of anchors including details of anchorage of masonry to structural members, frames of other construction.
- Verify prior to grouting to ensure grout space is clean.
- Observe placement of grout.
- Observe construction of structural elements; to verify proper size, grade and type of reinforcement and protection of masonry during cold weather or hot weather.
- Observe construction to verify type, size grade and location of anchors.
- Observe preparation of required grout specimens and/or mortar specimens. These samples will be made on a daily basis during the Reinforced Masonry construction.

Steel Construction

- Perform structural steel inspections as per the project specifications.
- Perform inspection of steel fabricators, as required by the Kentucky Building Code.
- Perform field observations to verify the structural steel for compliance with the approved plan documents.
- Perform field observations of anchor bolts required for compliance to the approved plan documents.
- Perform continuous observation during the installation of Slip-Critical (SC) bolted connections.
- Perform Ultra-sonic testing of the full penetration welds as noted on the drawings.
- Perform continuous inspection on welds greater than 5/16".

Site Related Testing

- Utility trench backfill, as requested by the RFP and Project Specifications
- Site Work specifications reference Kentucky Transportation Cabinet's Standard Specifications for Road and Bridge Construction, latest edition (KDOT Specs) for earthwork, concrete placement, and asphalt placement.

Schedule

We request a 24-hour notice prior to providing on-call personnel to enable us to schedule the work efficiently. Mr. Travis McCoy will be the Project Manager for the project.

Compensation

Total Estimated Fee- \$36,600 (61 days @ \$600.00/Day)

After reviewing our original cost, we will agree to a Not To Exceed cost of \$60,000.00 (100 days @ \$600/day)

Authorization

Please sign the attached Proposal Acceptance Sheet and return one complete original of the proposal to us. This will act as authorization to proceed.

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. 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.

Summary

We appreciate the opportunity to provide this proposal to perform engineering services. We can begin work immediately upon our acceptance of this proposal. 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.

Very Truly Yours,

SOLID GROUND CONSULTING ENGINEERS, PLLC

SIGNATURE:

PRINTED NAME & TITLE: Emily Kerns, Staff EngineerDATE: January 2, 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.