

November 13, 2019

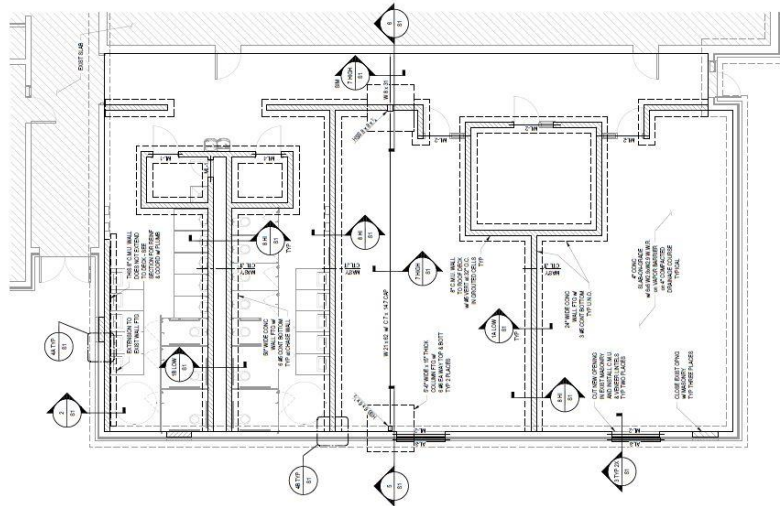
Mark Isbell  
Tate Hill Jacobs, Architects  
346 East Main Street  
Lexington, KY 40507

**Re: Proposal for: Material Testing and Special Inspections  
Sebastian Elementary School - Partial Renovation (C19-182)  
244 L.J.B. Road, Jackson, Kentucky 41339**

Mr. Isbell:

**L.E. Gregg Associates** is honored to provide this Special Inspections *Cost Estimate Proposal*, based upon the **Sebastian Elementary School - Partial Renovation** (244 L.J.B. Road, Jackson, Kentucky 41339) – email, **Constructions Plans**, dated September 16, 2019 and **Addendas** for providing **Material Testing and Special Inspections** in **City, KY** (Breathitt Co).

**L.E. Gregg** has worked with Clients, to build relationships since 1957 through responsiveness, honesty and integrity. Our reputation and quality work results in clients knowing we are trustworthy, and the project is streamlined. No project is too small or too large, they receive the same level of professional service. The scopes of services that can be provided are listed below:



## **PROJECT DESCRIPTION**

The project site is located **244 L.J.B. Road • Jackson, Kentucky** and will be comprised of new construction. These Special Inspection services are intended to comply with Chapter 17 of the Kentucky Building Code (KBC), project specifications, and the project plans, as listed below. **L.E. Gregg** has experience with the requirements of the applicable sections of the KBC and the project plans and specifications and can provide qualified personnel to perform these services.

**SCOPE OF SERVICES:** The following services that are expected with the project are as follows:

**Soil Construction/ Undercut (KBC 1705.6)**

1. Monitor proof-rolling of the exposed soils after the site has been stripped to locate areas which may require undercutting.
2. Perform Nuclear Density Testing and observe proof-rolling of the soil fill.
3. Monitor any undercutting operations to determine when the acceptable materials are exposed.

**Concrete Construction (KBC 1705.3)**

1. Perform observations of reinforcing steel and placement for foundation construction.
2. Sample and perform tests on plastic concrete in the field which includes slump, air content, temperature, and other tests required by the project specifications.
3. Construct 4 x 8-inch specimens for compressive strength testing.
4. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.
5. Verify use of required design mix.
6. Inspect formwork for shape, location and dimensions of the concrete member being formed of Bathroom/Office/Classroom/Vestibule addition and Bus Canopy (*Add Alternate 1*).

**Foundation Construction (KBC 1704.7)**

1. Monitor any undercutting operations to determine when the acceptable materials are exposed.
2. Perform dynamic cone penetrometer (DCP) tests, as access and safety permits, on the bearing soils within excavated footings at a rate of 1 test per 20 linear feet and/or 1 per column footing.
3. Probe bearing soils in between DCP test locations to check if soils are suitable for the design bearing capacity.

**Masonry Construction (KBC 1705.4)**

1. Observe the consistency of site-prepared mortar; placement of masonry units and the construction of mortar joints and location of reinforcement and connectors.
2. Continuous observation of the placement of grout.
3. Observe construction of structural elements; to verify proper size, grade and type of reinforcement and protection of masonry during cold weather or hot weather.
4. Observe construction to verify type, size grade and location of anchors.
5. Observe preparation of required grout specimens and/or mortar specimens.

### Structural Steel (KBC 1705.3)

1. Perform a fabricator shop inspection to verify that the fabricator maintains detailed fabrication and quality control procedures. **L.E. Gregg** will also verify the work procedures are being performed in accordance with the approved documents. (KBC Chapter 17, Section 1704.2)
2. Perform field inspections to verify the steel framing is in compliance with the approved documents.
3. Perform field inspections of single-pass fillet welds 5/16" or less for each connection and floor and deck welds in the field as required to conform to AWS D1.1.
4. Perform field inspections of high strength bolted connections and field inspection of slip-critical connections. **L.E. Gregg** will observe a minimum of 10 percent of the bolts for proper torque with a calibrated torque wrench.
5. Perform field inspections of complete and partial penetration groove welds and for multi-pass and single pass fillet welds 5/16" or greater and floor and roof decking welds. **L.E. Gregg** will also provide (as required) nondestructive testing for the complete penetration welds.
6. Perform Steel frame joint observation and testing for bracing and stiffening, member locations and application of joint details for each connection.

### Cold Form Steel Light Frame (KBC 1705.10.2)

1. Observation and verification of Metal Decking at Bus Canopy (*Add Alternate 1*).
2. Perform field inspections to verify the Cold Form Metal framing is in compliance with the approved documents, bracing, metal gauge, yield strength, screw size and penetration.

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#### *Included:*

- 1) Add Alternate 1 (*Bus Canopy*)
- 2) Add Alternate 2 (*New Sidewalk*)
- 3) No Utilities, No Downspout, Drains, Bollards, Curbs or Stoops
- 4) No Asphalt
- 5) No Trench Rock (*observation and quantity verification, can be provided at Unit Rates*)

The services include the preparation and distribution of reports associated with the field and laboratory services. Should unanticipated services be required that have not been quoted, these will be performed at mutually agreed prices.

### **CONTRACTOR RESPONSIBILITIES**

Contractor is responsible to ensure **L.E. Gregg** (Special Inspector) is present for all work requiring Special Inspection and Material Testing. Any work that requires Special Inspection and is performed without the Special Inspector being present, could result in the work being reconstructed.

## **SIGNAGE**

In addition, **L.E. Gregg** respectfully requests to place a sign on the jobsite, stating “Special Inspections provided by **L.E. Gregg**”, with our company information and logo. **L.E. Gregg** will provide this sign at no cost and will install, and reclaim at the end of the project, at designated area approved by design team, unless local ordinances or codes do not permit.

## **PROJECT APPROACH**

A careful review of the Construction documents and the sequencing of Tasks has been a touchstone in determining **L.E. Gregg’s** approach to providing the Special Inspections and materials testing for the **Sebastian Elem Renovation** project. In determining both the scope and the appropriate staffing levels, we are basing our proposal off the following:

- Activities requiring **L.E. Gregg** observation will allocate **20** working days onsite for personnel, not including Add Alternates.

Accordingly, we have prepared our proposal:

- Certified Welding Inspector for **3** days
- **5** sets of five (5) 4” x 8” concrete cylinders
- Project Management
- Professional Engineering
- Laboratory Services (Proctors, Compressive Testing of Concrete & Grout)
- All mileage, oversight and other administrative costs

*Note: for a detailed listing of scope per structure please see the scope breakdowns below.*

## **133 Total Hours**

**118** Technician hours

**15** Professional services hours)

**\$9,481.00** Dollars - Cost Estimate Total • **Special Inspections and Materials Testing**

## **SCHEDULING**

**L.E. Gregg** will provide personnel for this project at the request of your representatives and requests a 24-hour notice prior to providing on-call personnel to enable work to be scheduled efficiently. **L.E. Gregg’s** contact person for scheduling is:

Ms. Michelle Pennington

[mpennington@legregg.com](mailto:mpennington@legregg.com)

859-252-7558 (office)

859-559-7308 (cell) text/voice

### **AUTHORIZATION**

Please refer to the attached document for **L.E. Gregg's** terms and conditions.

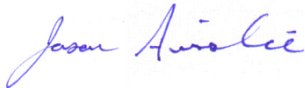
**L.E. Gregg** Associates shall reserve full rights for use of the project for marketing purposes. This includes, but is not limited to, publication in mass media and trade publications, submissions to awards programs, and inclusion in **L.E. Gregg** Associates' marketing materials and website. Project location, budgets, and client identity will be withheld at the client's request

If this proposal and the terms and conditions meet with your approval, please so indicate by signing and returning one (1) copy to **L.E. Gregg's** office. This will act as authorization to proceed with personnel and equipment in accordance with your request and time schedule. Also, signature on the acceptance as a representative of the company indicates that you and the authorizing company are responsible for payment in full for the services rendered.

If you have any questions concerning this proposal, please feel free to contact us. We look forward to working with you on this project.

Respectfully,

L.E. Gregg Associates



Jason Ainslie, P.E.  
President



Robert E. Lyons  
Project Manager



Monica King  
Marketing Director



Chris Sanders  
Firestop

The **Cost Estimate Proposal** total for this project is **\$9,481.00** Dollars. This Estimate is based on the plans stamped September 19, 2019, RFP and Addendas. Any additional onsite time resulting in Soil conditions, Weather or Means & Methods will be Billed at Unit Rates.

<b>Materials Testing • Special Inspections</b>	
<b>Sebastian Elementary School - Partial Renovation</b> 244 L.J.B. Road • Jackson, Kentucky 41339	<b>Hrs./Days</b> (estimated)
<b>Building</b> (Special Inspections)	<b>\$5,385.00</b>
Soils ( <i>Undercut, Subgrade, Densities, Proof-roll</i> ) – 2 days/6hrs @ \$45.00/hr.	\$540.00
Nuclear Gauge Equipment Fee – 2 days @ \$50.00/day	\$100.00
Footings ( <i>DCP, Re-steel, Concrete</i> ) – 4 days/6hrs @ \$45.00/hr.	\$1,080.00
Masonry ( <i>Mortar, Re-steel, Horiz Reinforcement, Grout</i> ) – 4 days/6hrs @ \$45.00/hr.	\$1,080.00
Concrete Slabs ( <i>Proof-roll, Subgrade, Re-steel</i> ) – 1 days/8hrs @ \$45.00/hr.	\$360.00
Floor Flatness/Technician – 1 trip	\$860.00
CWI ( <i>Framing, Welds, Bolts, Anchors, Decking</i> ) – 3 days/6.5hrs @ \$70.00/hr.	\$1,365.00
<b>Laboratory Testing</b>	<b>\$1,125.00</b>
Concrete cylinders – 5 sets @ \$55.00/set	\$275.00
Grout Prisms – 1 set @ \$100.00/set	\$100.00
Non-Shrink Grout Prisms – 1 set @ \$100.00/set	\$100.00
Mortar Prisms – 1 set @ \$120.00/set	\$120.00
CMU Block Verification – 1 set @ \$400.00/set	\$400.00
Proctor classification (Soil) – 1 set @ \$130.00/set	\$130.00
<b>Professional Services</b>	<b>\$2,971.00</b>
Principal Engineer - 2 hours @ \$120.00/hr.	\$240.00
Project Engineer – 3 hours @ \$85.00/hr.	\$255.00
Clerical - 2 hours at \$40.00/hr.	\$80.00
Project Manager - 5 hours at \$70.00/hr.	\$560.00
<b>Travel Charges</b> - 18 trips @ 165 miles R/T @ \$0.60 /mile	\$1,836.00
<b>Cost Estimate Total:</b>	<b>\$9,481.00</b>

<b>Alternates</b>	<b>\$2,731.00</b>
<b>Add Alternate 1</b> • Bus Canopy ( <i>DCP, Grade Beam, Re-steel, Concrete, Decking, CWI, Lab, Cylinders</i> ) 3 days	\$1,993.00
<b>Add Alternate 2</b> • Sidewalk ( <i>DCP, Re-steel, Concrete, Lab, Cylinders</i> ) 2 days	\$738.00

Should unanticipated services be required that have not been quoted or additional onsite time resulting in Soil conditions, Weather or Means & Methods, these will be performed at mutually agreed or Unit Prices, as per the RFP request.

Date:	
<b>L.E. Gregg Associates</b> (hereafter "L.E. Gregg")	Client Name: <b>Breathitt County Public Schools</b> (hereafter "Client")
Address: <b>2456 Fortune Drive Suite Lexington, KY 40509</b>	Address: <b>420 Court Street, PO Box 750 Jackson, KY 41339</b>
Telephone: <b>859-252-7558</b> Fax: <b>859-255-0940</b>	Telephone: <b>(606) 666-2491</b>
<u>PROJECT</u>	
<b>Sebastian Elementary School - Partial Renovation</b>	
<b>SERVICES TO BE RENDERED</b>	
Special inspections and materials testing per IBC Chapter 17 and KBC 2012 Chapter 17, as listed in the attached proposal.	
<b>Cost Estimate Total: \$12,212.00</b> <b>SPIN and both Alternate #1 &amp; #2</b>	Expires: Ninety (90) Days from the date of the proposal.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representative.	
Client: _____	L.E. Gregg Associates
By: _____ (Signature)	By: _____ (Signature)
_____	_____
(Print Name and Title)	(Print Name and Title)
Date: _____	Date: _____
<b>Client's DIGITAL signature to be treated as original signature.</b>	

Based upon the anticipated duration of the project, invoices will be submitted at the first of each month for the services performed during that period.

Attachments: Unit Fee Schedule  
Proposal Acceptance Sheet  
Terms and Conditions

## TERMS AND CONDITIONS

### 1. SCOPE OF WORK

L.E. Gregg Associates (L.E. Gregg) shall perform the services defined in the attached proposal at the rates stated in the proposal or the attached fee schedule. Any estimate of time and materials shall not be considered as a fixed price, but only an estimate (unless otherwise specifically stated in this contract). L.E. GREGG will provide additional services at the listed standard rates. This offer will be valid for ninety (90) days unless otherwise stated. Upon acceptance, this proposal and associated terms and conditions shall become the contract.

### 2. RIGHT OF ENTRY

Client grants to L.E. GREGG the right of entry to the project site by its employees, agents, and subcontractors, to perform the service and represents that it has obtained the needed permits and licenses for the proposed work. If client does not own the site, Client warrants and represents to L.E. GREGG that it has the authority and permission of the owner and occupant of the site to grant right of entry to L.E. GREGG.

### 3. PAYMENT TERMS

L.E. GREGG will submit invoices to the Client throughout the project and a final invoice upon completion of services. There shall be no retainage of fees due and payable to L.E. GREGG payment is due within fourteen (14) days of invoice receipt, regardless of whether the client has been reimbursed by any other party. Client agrees to pay interest of one and one-half percent (1½%) per month, or the maximum rate allowed by law, on past due accounts. Any attorney's fees, collection fees or other costs incurred in collecting any delinquent amount shall be paid by Client.

### 4. STANDARD OF CARE

The services shall be performed in accordance with generally accepted industry principles and practices, consistent with a level of care and skill ordinarily practiced by reputable members of the profession currently providing similar services under similar circumstances. Except as set forth herein, L.E. GREGG makes no other representation, guarantee, or warranty, express or implied, in fact or by law, whether any merchantability, fitness for any particular purpose or otherwise concerning any of the services which may be furnished by L.E. GREGG to Client. Client agrees to give L.E. GREGG written notice of any breach or default under this section and to give L.E. GREGG a reasonable opportunity to cure such breach or default, without the payment of additional fees to L.E. GREGG, as condition precedent to any claim for damages.

### 5. INSURANCE AND GENERAL LIABILITY

L.E. GREGG maintains Workers' Compensation and Employers' Liability Insurance in compliance with the laws of the state having jurisdiction over the individual employee. L.E. GREGG has insurance coverage under general liability, property damage, and professional liability, which L.E. GREGG deems to be adequate. Certificates for such policies of insurance shall be provided to Client upon request. L.E. GREGG may provide additional insurance coverage beyond stated limits at the

Client's request and expense.

### 6. RISK ALLOCATION

Due to the very limited benefit L.E. GREGG will derive from this project compared to that of other parties involved, including the Client, Client agrees to limit L.E. GREGG'S liability to Client or any other party using or relying on L.E. GREGG'S work with respect to any acts or omissions including, but not limited to, breach of this contract, breach of warranty, negligence, alleged defects in L.E. GREGG'S performance, or other legal theory such that the total aggregate liability of L.E. GREGG to all those named shall not exceed a maximum limit of \$25,000 or L.E. GREGG'S project fee for the services rendered on this project, whichever is less.

### 7. TERMINATION

Either party may suspend performance immediately upon becoming aware of a breach of the terms of this contract by the other party and provide notice of its intention to terminate. In the event L.E. GREGG determines there may be a significant risk that L.E. GREGG'S fees may not be paid on a timely basis, L.E. GREGG may suspend performance and/or retain any reports, work products, or other information until Client provides L.E. GREGG with adequate assurances of payment. The filing of a voluntary or involuntary bankruptcy petition, appointment of a receiver, assignment for the benefit of creditors or other similar act of insolvency shall constitute a breach. Termination will become effective seven (7) calendar days after receipt of notice by the breaching party unless the event(s) giving rise to the breach are remedied within the timeframe or the party seeking termination revokes its notice. Either party, without cause, may terminate this contract upon providing ten (10) calendar days written notice to the other party.

### 8. ASSIGNS

This contract may be amended by written instrument, e-mail confirmation, or written confirmation of a verbal agreement, acknowledged or signed by both parties. Client shall not assign this proposal, or any reports or information generated as a result of contracted services pursuant to this proposal without written consent of L.E. GREGG.

### 9. SAFETY

L.E. GREGG'S responsibility for safety on site shall be limited to its own personnel, subcontractors, and any individuals who are directly involved with L.E. GREGG'S work on site. This shall not be construed to relieve the Client or any of its contractors from their responsibilities for maintaining a safe jobsite. Neither the professional activities of L.E. GREGG, nor the presence of L.E. GREGG'S employees and its subcontractors shall be construed to imply that L.E. GREGG has any responsibility for any activities on the site, which are performed by personnel other than L.E. GREGG'S employees or subcontractors.

#### 10. CONFLICTS

Should any element of the Terms and Conditions be deemed in conflict with any element of the proposal/contract, unless the proposal/contract clearly voids the conflicting element in the Terms and Conditions, wording of the Terms and Conditions shall govern. Any element of this agreement later held to violate a law or regulation shall be deemed void, but all remaining provisions shall continue in force. The Terms and Conditions set forth herein shall survive the termination of this contract. No action, legal or otherwise, may be brought against *L.E. GREGG* arising from its performance of services under this contract, whether for breach of contract, tort, or otherwise, unless *L.E. GREGG* shall have received within two (2) years after completion of services under this contract a written notice specifying the alleged defects in *L.E. GREGG*'S performance or other breach.

#### 11. CONSEQUENTIAL DAMAGES

In no event shall either party be liable to the other party for any consequential, incidental, or indirect damages including, though not limited to, loss of income, loss of profits, loss or restriction of use of property, or any other business losses regardless as to whether such damages are caused by breach of contract or warranty, negligent acts or omissions, or other wrongful acts.

#### 12. DELAYS IN WORK

*L.E. GREGG* will charge the Client at standard rates for stand-by or non-productive time for delays in *L.E. GREGG*'S work caused by the Client or Client's contractors unless otherwise specifically provided for in the contract.

#### 13. SAMPLING OR TEST LOCATION(S)

Unless otherwise stated, the fees in this proposal do not include costs associated with surveying of the site for accurate horizontal and vertical locations of tests or samples which, when referenced in *L.E. GREGG*'S report, are based on information furnished by others and/or estimates made by *L.E. GREGG*'S personnel and are only considered approximations, unless otherwise stated. *L.E. GREGG* may deviate a reasonable distance from any test or sampling location as specified by the Client. If, in order to complete a given soil boring to its designated depth, relocating the soil sampling location and associated sampling method is necessitated by encountering impenetrable subsurface objects, all work, including the original work performed, will be charged for at the appropriate rates in the fee schedule.

Client recognizes that project site conditions may vary from those encountered at the locations where the borings, surveys, sampling, monitoring, or explorations are made by *L.E. GREGG* and its subcontractors, and that the data interpretations and recommendations of *L.E. GREGG*'S and its subcontractors are based solely on the information available to them. *L.E. GREGG* will only be responsible for data, interpretations, and recommendations based on information obtained from the locations sampled, monitored, and explored by *L.E. GREGG* and its subcontractors, but shall not be responsible for the

interpretations by others of the information obtained and reported.

#### 14. DISPUTE RESOLUTION

Any claim or dispute made against *L.E. GREGG* for inadequate, negligent, or improper performance of services by *L.E. GREGG* pursuant to this contract must be resolved by negotiation or mediation. Any party to this contract may demand that any such disputes be resolved by negotiation or mediation, unless the parties mutually agree otherwise. The Client and *L.E. GREGG* further agree to include similar dispute resolution provisions in all agreements with independent contractors and consultants retained for the project and to require all independent contractors and consultants also to include similar dispute resolution provisions in all agreements with subcontractors, subconsultants, suppliers or fabricators so retained, thereby providing for negotiation or mediation as the primary method for dispute resolution between the parties to those agreements.

#### 15. FAILURE TO FOLLOW RECOMMENDATIONS

Client will not hold *L.E. GREGG* or its subcontractors liable for any consequential, incidental, or indirect damages or business losses that may occur based on, or which may result from failure to follow *L.E. GREGG*'S or its subcontractors' recommendations. Client waives any claim against *L.E. GREGG* and agrees to defend, indemnify, and hold *L.E. GREGG* harmless from any claim, liability for injury, or business loss that results from failure to follow *L.E. GREGG*'S recommendations.

#### 16. FORCE MAJEURE

Neither Client nor *L.E. GREGG* shall hold the other responsible for damages or delays in performance caused by events beyond the control of the other party and which could not reasonably have been anticipated or prevented, including but not limited to, acts of God, materially different site conditions, wars, riots, rebellions, sabotage, fires, explosions, accidents, floods, strikes or other conceded acts of workers, lockouts, or changes in laws, regulations, or ordinances. The party intending to invoke force majeure shall provide prompt notice to the other party.

#### 17. RIGHT TO STOP OR DIRECT WORK

Since *L.E. GREGG*'S duties and services are limited to the scope of work proposed and contracted with the Client to perform, *L.E. GREGG* shall not under any circumstances give a stop-work order or direct work, either for quality, safety or any other reason, unless directed solely to *L.E. GREGG* personnel or its subcontractors' personnel. Neither shall *L.E. GREGG* be responsible for the possible consequences of not issuing a stop-work order. *L.E. GREGG* will only report to Client regarding the quality of the work *L.E. GREGG* has performed or been contracted to observe and monitor

#### 18. FIELD MONITORING AND CONTROL

*L.E. GREGG* shall not, except for its own services and for services it subcontracts, specify project site procedures,

manage or supervise project work, implement or be responsible for project site health and safety procedures. *L.E. GREGG* shall not be responsible for the acts or omissions of other parties on the project site and shall not have control or charge of and not be responsible, without limitation, for project means, methods, techniques, sequences, or procedures. *L.E. GREGG'S* project services shall not relieve any other parties from their responsibility for performing work in accordance with applicable plans, specifications, safety requirements, laws, and regulations. *L.E. GREGG'S* proposed and contracted monitoring and testing services are limited to its proposed and contracted scope of work and does not imply or warrant that *L.E. GREGG* is responsible for observing all activities and personnel at the project site. If *L.E. GREGG* is not retained to monitor environmental remediation, mitigation, or abatement activities, Client waives any claim against *L.E. GREGG* and agrees to indemnify, defend, and hold *L.E. GREGG* harmless for any claim or liability for injury or business loss resulting from remediation, mitigation, or abatement activities

The words "supervision", "inspection", or "control", if used in connection with *L.E. GREGG's* work, are only intended to mean periodic observation or monitoring of the project work as outlined in *L.E. GREGG'S* proposed and contracted scope of work.

#### **19. RETESTING AND RE-MONITORING**

*L.E. GREGG* is only obligated to monitor and test in accordance with applicable and agreed upon standards and methods. In the event *L.E. GREGG's* monitoring and/or testing discloses deficiencies in the project's work, and which consequently will require corrections, *L.E. GREGG* will retest or re-monitor the corrected work as required by the plans and specifications or as directed by the Client; however, all such retesting or re-monitoring shall be additional work and shall be paid for by Client at the agreed upon rates in this contract.

#### **20. SITE WORK**

*L.E. GREGG* will take reasonable precautions to avoid any damage to the project site from the activities of its personnel, subcontractors, or equipment. Any damage caused by *L.E. GREGG'S* negligence will be restored at *L.E. GREGG'S* expense; however, unavoidable damage caused in the execution of the project work such as tire rutting, cutting and splicing of fences, removal of potential asbestos containing materials (ACM), drilling through pavements, cutting of brush and trees, coring through pavements, etc., will not be restored unless otherwise stated in the contract.

#### **21. UTILITIES**

In the execution of any subsurface exploration, *L.E. GREGG* will take reasonable precautions to avoid damage to subterranean structures or utilities of which *L.E. GREGG* has received notification; however, it is the Client's responsibility to mark or furnish the locations of all underground, manmade obstructions or utilities. Client shall indemnify, defend, and hold harmless *L.E. GREGG* from and against any claims, losses, or damages incurred or asserted against *L.E. GREGG* related to Client's failure

to mark, protect, inform, or advise *L.E. GREGG* of underground structures or utilities, unless stated in our contracted scope of services.

#### **22. SAMPLES**

*L.E. GREGG* and its subcontractors will retain any soil, rock, water, or material samples obtained in the performance of its contracted scope of work for a period not to exceed thirty (30) days after submitting *L.E. GREGG'S* report or findings. Further storage or transfer of samples and materials obtained from the contracted scope of *L.E. GREGG'S* work can be made at the Client's expense upon written request.

#### **23. ROOF CUTS**

If roof cuts are authorized by the Client in *L.E. GREGG'S* contracted scope of work, it is the responsibility of Client to make the appropriate repairs to these roof cuts using materials consistent with the roofing system and in accordance with any existing material manufacturer's warranties. If roofing contractor or maintenance personnel selected by Client is not on the roof to make repairs at the time the samples are obtained, *L.E. GREGG* may make temporary repairs at the time of sampling and inspection, which may result in additional charges. *L.E. GREGG* personnel are not certified in roofing repair and, under no circumstances, will be responsible for the adequacy and water tightness of the temporary repairs, nor shall *L.E. GREGG* be responsible for any water damage to the roofing system, building, or its contents resulting from *L.E. GREGG's* temporary repairs.

#### **24. AQUIFER CONTAMINATION**

Client waives any claim against *L.E. GREGG*, and agrees to hold harmless, defend, and indemnify *L.E. GREGG* from any claim, business loss, or liability for injury as a result of cross-contamination caused by subsurface drilling and/or sampling unless due to *L.E. GREGG'S* negligence or willful acts.

#### **25. HAZARDOUS SUBSTANCES**

Client agrees to advise *L.E. GREGG*, prior to beginning project work, of any hazardous substances on or near the project site known to Client. In the event that test samples obtained during our work contain substances hazardous to health, safety, or the environment, these samples remain the property of Client which also shall pay for all costs connected with decontamination of *L.E. GREGG'S* or its subcontractors' equipment. Furthermore, any equipment of *L.E. GREGG'S* or its subcontractors' contaminated during *L.E. GREGG's* services which cannot be reasonably decontaminated shall become the property and responsibility of Client. Such samples and/or equipment will be delivered to Client. Client agrees to pay transportation costs for samples and equipment, and the fair market value of such contaminated equipment. Client waives any claim against *L.E. GREGG* and its subcontractors and agrees to defend, indemnify, and hold harmless *L.E. GREGG* from any claims, business loss, or liability for injury arising from *L.E. GREGG'S* failure to detect the presence of hazardous materials, including ACM, through techniques and methods agreed upon in

the proposed and contracted scope of work, unless the failure to detect hazardous materials, including ACM, was due to

L.E. GREGG'S failure to properly execute the proposed and contracted scope of work set forth in this contract.

## **26. ENVIRONMENTAL PROBLEMS**

L.E. GREGG and its subcontractors' duties and responsibilities are limited to the proposed and contracted scope of work. Any sampling, testing, or monitoring of site conditions or materials related to environmental concerns including hazardous waste, soil, ground water, surface water, ACM, or air pollutants are not part of L.E. GREGG'S responsibilities and duties unless specifically identified in its proposed and contracted scope of work. If it becomes apparent during project site work that undisclosed hazardous materials may be present, project site work will be terminated unless specified in L.E. GREGG'S proposed and contracted scope of project work. Project site work will resume only after renegotiation of the contracted scope of services and fees to cover appropriate environment, health, and safety precautions. L.E. GREGG shall have no responsibility for detecting or dealing with environmental concerns, hazardous waste, soil, ground water, surface water, ACM, or air contamination, should they occur at the project site unless specifically outline in

L.E. GREGG'S proposed and contracted scope of work. Client waives any claim against L.E. GREGG and agrees to defend, indemnify, and hold harmless L.E. GREGG from any claim, business loss, or liability for injury that results from the discovery of onsite environmental concerns, hazardous materials, soils, ground water, surface water, ACM, or air contamination.

## **27. ENVIRONMENTAL INDEMNITY**

Client agrees to the maximum extent permitted by law to defend, indemnify, and hold harmless L.E. GREGG and its subcontractors from and against any and all claims and liabilities in connection with toxic or hazardous substances or constituents unless caused by L.E. GREGG'S negligence or willful acts, resulting from Client's violation of any federal, state or local statute, regulation or ordinance relating to the handling, storage or disposal of toxic or hazardous substances or constituents; Client's undertaking of or arranging for the handling, removal, treatment, storage, transportation or disposal of toxic or hazardous substances or constituents found or identified at the site; toxic or hazardous substances or constituents introduced at the site by Client or third persons before or after completion of services herein; allegations that L.E. GREGG or its subcontractors are the handlers generators, operators, treaters or storers, transporters, or disposers under the Resource Conservation and Recovery Act of 1976, Comprehensive Environmental Response, Compensations and Liability Act, or any other similar federal, state or local regulation or law.

L.E. GREGG or its subcontractors have no role in generating, treating, storing, or disposing of any hazardous materials which may be present at the project site, and which at no time become the property of L.E. GREGG or its subcontractors, unless specifically identified in the proposed and contracted scope of work. Client shall evaluate and select proper disposal site for treatment or disposal of its hazardous materials (to include test samples collected to determine the characteristics of the samples), shall select the method of transportation, and shall be solely responsible therefore. Any arrangements for the treatment, storage, transport, or disposal of any hazardous materials that are made at the direction and expense of Client and to be conducted or completed by

L.E. GREGG shall be construed as being made solely and exclusively on Client's behalf for Client's benefit, and Client shall defend, indemnify, and hold harmless L.E. GREGG from and against any and all claims, damages, business losses, liability of injury, and expenses, including reasonable attorney's fees, which arise out of any release, threatened release, transportation, or disposal of hazardous materials, unless caused by the negligence or willful acts of L.E. GREGG during the execution of its proposed and contracted scope of work.

## **28. OWNERSHIP OF DOCUMENTS**

Client agrees that all original documents and drawings produced by L.E. GREGG in accordance with this agreement, except documents, which are required to be filed with public agencies, shall remain the property of L.E. GREGG. Client agrees to be liable and responsible for the use of unsigned plans, drawings, or other documents not signed by L.E. GREGG, and waives liability against L.E. GREGG for their use. Further, client agrees to waive any claim against L.E. GREGG and to indemnify, defend, and hold harmless L.E. GREGG from any and all claims arising out of any use, not authorized in writing by L.E. GREGG, of these documents by third parties not related to this agreement.

## **29. PUBLIC RESPONSIBILITY**

Client shall be responsible for reporting to appropriate governmental and licensing agencies with respect to any legal or regulatory requirements, code violations, or hazardous substances detected on site. If Client disregards L.E. GREGG'S and its subcontractors' recommendations for reporting or public health and safety, Client waives any claim against L.E. GREGG and its subcontracts and agrees to defend, indemnify, and hold harmless L.E. GREGG and its subcontractors from any claim, business loss, liability for injury, or loss arising from disregarding L.E. GREGG'S or its subcontractors' recommendations of reporting.

Revised July 2018

## 2019 Unit Rate Schedule

<u>Professional Services</u>	<u>Unit Rate</u>
<b>Geotechnical Technician</b> , concrete testing, soil testing and masonry inspections, portal to portal, regular time, per hour .....	\$ 45.00*
<b>Senior Geotechnical Technician</b> , concrete testing, soil testing and masonry inspections, portal to portal, regular time, per hour .....	\$ 60.00
<b>Structural Steel/Certified Welding Inspector</b> , as required by the building code, portal to portal, regular time, per hour.....	\$ 70.00
<b>Certified Firestop Inspector</b> , as required by the building code, portal to portal, regular time, per hour.....	\$ 80.00
<b>Clerical</b> , per hour .....	\$ 40.00
<b>Project Manager</b> , per hour .....	\$ 70.00
<b>Senior Project Manager</b> , per hour.....	\$ 100.00
<b>Project Engineer</b> , per hour.....	\$ 85.00
<b>Principal Engineer</b> , per hour .....	\$ 120.00
<b>Overtime</b> (To be billed at 1.5 times the unit rates quoted above for any time in excess of 8hrs/day, weekend, or holiday work.....)	1.5 x unit rate

\* 3 Hour minimum may apply

<u>Lab Fees, Transportation, and Expenses</u>	<u>Unit Rate</u>
<b>Mileage Charge*</b> .....	\$ 0.60 /mile
<b>*Travel time will be billed in addition to mileage charges at the applicable unit rate listed above</b>	
<b>Per Diem</b> (If overnight stay is required) .....	\$ 190.00
Compressive Strength <b>Concrete Cylinders</b> , each.....	\$ 11.00
Compressive Strength <b>Concrete Cylinders by others</b> , each .....	\$ 16.00
Compressive Strength <b>Grout 4x8 Prisms</b> , each.....	\$ 25.00
Compressive Strength <b>Mortar Cubes</b> , each.....	\$ 20.00
<b>Moisture Content of Soils</b> and Visual/Manual Classification, each.....	\$ 12.00
<b>Atterberg Limits</b> (LL, PL, and PI), each.....	\$ 60.00
<b>Particle Size Analysis</b> of Soil Suite, includes 3 items below, .....	\$ 140.00
1. Washed Sieve Analysis .....	\$ 45.00
2. Hydrometer .....	\$ 45.00
3. Specific Gravity .....	\$ 50.00
<b>Soils Finer than #200</b> .....	\$ 45.00
<b>Floor Flatness Profiler Equipment</b> (Actual Cost plus 15 percent)	
<b>Standard Proctor</b> .....	\$ 130.00
<b>Modified Proctor</b> .....	\$ 145.00
<b>CBR, two points</b> .....	\$ 200.00
<b>Coring Machine Rental</b> , per day (Generator may be required at cost +15%) .....	\$ 350.00
<b>Nuclear Density Gauge</b> , for Compaction Testing, per day .....	\$ 50.00

*Effective March 7, 2018*



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/18/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Al Torstrick Insurance Agency Inc 343 Waller Avenue  Lexington KY 40504	<b>CONTACT NAME:</b> Allison Johnson <b>PHONE (A/C, No, Ext):</b> (859)233-1461 <b>E-MAIL ADDRESS:</b> ajohnson@altorstrick.com <b>FAX (A/C, No):</b> (859)281-9450 <b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Grange Mutual <b>INSURER B:</b> CNA Insurance Company <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>
<b>INSURED</b> JLJ Inc., DBA: L E Gregg Associates 2456 Fortune Drive Suite 155 Lexington KY 40509	<b>NAIC #</b> 14060

**COVERAGES****CERTIFICATE NUMBER:** 2018-2019**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			CPP2336308-11	10/10/2018	10/10/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			CA3184538-11	10/10/2018	10/10/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PIP-Basic \$ 10,000
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input type="checkbox"/> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$ 0			CUP2625460	10/10/2018	10/10/2019	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000
B	<input checked="" type="checkbox"/> <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> Y <input type="checkbox"/> N/A		6025117382	04/01/2019	04/01/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
	Valuable Papers & Records Cov. On Premises			CPP2336308-11	10/10/2018	10/10/2019	Valuable Papers \$500,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

James Roberts, Roy Bohon, and Kelly Gillespie are excluded from Workers Compensation coverage.

**CERTIFICATE HOLDER**

Insured's Copy

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
03/28/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b>  The Underwriters Group, Inc. 1700 Eastpoint Parkway P.O. Box 23790 Louisville, KY 40223	<b>CONTACT NAME:</b>	
	<b>PHONE (A/C, No, Ext):</b> 502-244-1343	<b>FAX (A/C, No):</b> 502-244-1411
<b>INSURED</b>  JLJ, Inc. dba L.E. Gregg Associates, Inc c/o Bell Engineering 2456 Fortune Drive, Suite 155 Lexington, KY 40509	<b>E-MAIL ADDRESS:</b>	
	<b>INSURER(S) AFFORDING COVERAGE</b>	
	<b>INSURER A:</b> Kentucky Employers' Mutual Insurance	<b>NAIC #</b> 10320
	<b>INSURER B:</b> XL Specialty Insurance Company	37885
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
<b>INSURER F:</b>		

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b>						
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
							PRODUCTS - COMP/OP AGG \$
							\$
	<b>GEN'L AGGREGATE LIMIT APPLIES PER:</b>						
	<input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						
	<b>OTHER:</b>						
	<b>AUTOMOBILE LIABILITY</b>						
	<input type="checkbox"/> ANY AUTO						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per person) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
	<b>UMBRELLA LIAB</b>	<input type="checkbox"/> OCCUR					EACH OCCURRENCE \$
	<b>EXCESS LIAB</b>	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$
	<b>DED</b>	<b>RETENTION \$</b>					\$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>			369595	04/01/2018	04/01/2019	X PER STATUT E OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y/N					E.L. EACH ACCIDENT \$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					E.L. DISEASE - EA EMPLOYEE \$1,000,000
							E.L. DISEASE - POLICY LIMIT \$1,000,000
B	Professional Liability			DPR9912700	04/01/2018	04/01/2019	Per Claim 2,000,000
							Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

JLJ, Inc.  
dba LE Gregg  
2456 Fortune Drive, Suite 155  
  
Lexington, KY 40509

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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LE Gregg  
ASSOCIATES

Since 1957

# STATEMENT OF QUALIFICATIONS



GEOTECHNICAL, ENVIRONMENTAL & MATERIALS ENGINEERS

## BUILT ON SAFETY, FROM THE GROUND UP

*The L.E. Gregg Associates team adheres strictly to the National Society of Professional Engineers Code of Ethics for Engineers to provide our clients and our community with the highest standards of honesty and integrity.*



LE Gregg  
ASSOCIATES



## INTRODUCTION

L.E. Gregg Associates, headquartered in Lexington, Kentucky, was founded in 1957 to provide engineering and materials testing services. Originally, the firm's expertise primarily included highway design, construction and testing. Since then, our firm has become well known for geotechnical investigations, materials testing and special inspections for a variety of markets including commercial, industrial and public/municipal facilities. Currently, our team is comprised of 25 employees.

Our in-house soils and concrete laboratories are run by a professional geologist, Mrs. Megan Cleinmark, PG, who has 9 years of experience. The L.E. Gregg concrete and masonry lab is certified bi-annually by the Cement and Concrete Reference Laboratory (CCRL) and the soils and aggregate lab is certified bi-annually by AASHTO re:source. Our Lexington lab is also currently one of two labs in Kentucky, and the only for Central and Eastern Kentucky, that are CCRL certified for ASTM C140 which is the compressive strength and absorption of concrete masonry units (CMU). L.E. Gregg is KYTC pre-qualified for geotechnical, environmental, and construction testing services. L.E. Gregg is also U.S. Army Corps of Engineers certified for Aggregate, Concrete, Masonry and Soil Testing.

We provide the specialized expertise needed to complete a successful project. We pride ourselves in delivering exactly what our clients need, whether taking a simple nuts and bolts approach or using innovative, and cutting-edge technologies to create necessary efficiencies.

## QUALIFICATIONS

- 1 Our team is comprised of highly experienced professionals and dedicated support staff.
- 2 We offer our clients open communication and streamlined project management techniques.
- 3 We strive to consistently exceed our client's project expectations.
- 4 Our team is committed to seeing your project through and addresses challenges head-on.
- 5 We have built positive relationships with contractors by defining our relationship expectations, communicating clearly and honestly, and being accessible to help them meet time-lines and milestones.
- 6 L.E. Gregg Associates is often brought onto a project team when technically challenging operational or repair issues arise.
- 7 Over the past 60 years, we have developed a reputation for providing reliable and trustworthy engineering services to our clients.

# SERVICES

## GEOTECHNICAL

Geotechnical Subsurface Explorations  
Site Stability Evaluations  
Inclinometer Installation and Analysis  
Slope Erosion Remediation  
Pavement Design and Analysis  
Retaining Wall Design  
Geotextile/Geogrid Stabilization Design  
Cement and Lime Modification/Remediation  
Ground Surface Subsidence  
Corrosivity Testing  
KARST Exploration  
Forensic Exploration

## MATERIALS TESTING

In-Place Density Testing  
Asphalt, Concrete & Rock Core Sampling  
Non-destructive, In-Situ testing (NDT)  
Concrete Moisture Testing (RH)  
Crack Monitors  
Floor Flatness and Levelness Testing  
Sanitary Sewer Monitoring & Testing  
Storm Sewer Monitoring & Testing  
Construction Observation & Documentation  
Field Testing of Concrete  
Field Testing of Soil

## ENVIRONMENTAL

Phase I Environmental Site Assessments  
Phase II Site Assessments  
Infiltration Testing  
Hydrogeology Services  
Brownfield Redevelopment  
Permitting and Compliance Support  
Property Condition Assessments  
Groundwater and Soil Characterizations



## SPECIAL INSPECTIONS

ICC Masonry Construction  
AWS/CWI Steel Construction  
Steel and Wood Fabricator Shop  
Wood Framing  
ICC/ACI Concrete Construction  
Foundations (Shallow and Deep)  
ICC Soil/Undercut Construction  
Storm-water Business Management Practices  
ICC Spray Fire-Resistant Materials  
CWI Weld  
HUD Inspection Services  
IFC Premiere Firestop



## FIRESTOP

### DESIGN

Code Consulting  
Plan Review  
Spec Review

### INSPECTION

Installed Firestop Systems  
Penetrations (ASTM E2174)  
Joints (ASTM 2393)  
Perimeter Fire Containment (ASTM E 2393)  
Annual Fire Barrier Inspections (IFC 703.1)

### FACILITY AUDITS



## LABORATORY TESTING

### SOIL AND AGGREGATE TESTING

Particle Size Analysis (Sieve Analysis)  
Hydrometer Analysis  
Soil Classification  
Specific Gravity  
Hydraulic Conductivity (permeability)  
California Bearing Ratio (CBR)  
Triaxial Shear Strength Testing  
Unconfined Compression Strength  
Atterberg Limits (Plasticity Index Testing)  
Standard or Modified Proctor Tests  
Gradations  
Consolidation Testing  
Corrosivity Testing  
Organic Content of Soils  
L.A. Abrasion Testing

### CONCRETE TESTING

Compressive Strength Testing of Concrete  
Compressive Strength of Grout and Mortar  
Flexural Beam Tests  
Concrete Masonry Unit Testing (C140)  
Compressive Strength of Masonry Prisms



## PROJECT MANAGEMENT

Professional On-Site Management  
Scope Development  
Schedule Development  
Documentation and File Reporting  
Field Representative Supervision  
Creative Problem Solving



# PORTFOLIO



## FREDRICK DOUGLAS HIGH SCHOOL

FCHS #6



**\$82million**  
Total Project Cost  
**\$192,000**  
Project Fees

### SERVICES



**Owner Representative**  
Bill Wallace (RET)  
(859) 381-3829  
2014 - 2016

**280,000 Square Feet**

The new Fayette County High School #6 (Fredrick Douglas High School) off Winchester Road consists of a 280,000 square-foot structure, athletic fields and complexes as well as parking and drive areas which accommodates 1,800 students. L.E. Gregg completed the subsurface investigation in two phases. The first phase included five boring locations to determine the general soil and rock characteristics of the site and aid the design team in site development. The second phase of the project included an additional thirty

structural and site borings which were used by the design team to develop the final plans. L.E. Gregg also provided construction phase inspections which including soil, reinforced concrete, reinforced masonry, structural steel, wood framing, and firestop inspections to comply with the Kentucky Building Code as well as project plans and specifications.



# HOPE CENTER PERMANENT HOUSING



**\$7 million**  
Total Project Cost

**\$33,130**  
Project Fees

## SERVICES



**Owner Representative**  
Jeff Crook, CFO  
(859) 252-2002  
2017- 2019

**45,000 Square Feet**

L.E. Gregg Associates was contacted to perform the Geotechnical Investigations, Phase I Environmental Assessment, and Construction Phase Special Inspections for the proposed 48-unit Hope Center Permanent Housing.

This apartment is being utilized for sober living recovery support. A total of 11 soil borings and 3 rock line soundings were performed to determine bedrock surface, geologic conditions,

surface and subsurface water conditions, to make recommendations for structural design and construction practices based on the assessment of the geotechnical risks. Construction phase inspections included soil, reinforced concrete, reinforced masonry, structural steel, wood framing, and firestop inspections to comply with the Kentucky Building Code as well as project plans and specifications.

## 2.0 K-12 Experience

TITLE AND LOCATION (City and State)		YEAR COMPLETED	
Fayette County High School #6		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014-2017	2017
Lexington, Fayette County, Kentucky			
PROJECT OWNER'S INFORMATION			
PROJECT OWNER	POINT OF CONTACT		POINT OF CONTACT TELEPHONE NUMBER
Fayette County Public Schools	Bill Wallace, Director of Facility Design & Construction		859-381-3829

### BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

The new Fayette County High School off of Winchester Road, Lexington, Fayette County, Kentucky will consist of an approximately 280,000 sf structure, athletic fields and complexes, and parking and drive areas which will accommodate 1,800 new students. The total project cost for this school is expected to be \$75,000,000. L.E. Gregg completed the subsurface investigation in two phases. The first phase included five boring locations in order to determine the general soil and rock characteristics of the site in order to aid the design team in site development. The second phase of the project included an additional thirty structural and site borings which were used by the design team to develop the final plans. L.E. Gregg is also currently performing all of the KBC Special Inspections for the project.

Consulting Fee: \$180,000.00 (Geotechnical and Special Inspections)



TITLE AND LOCATION (City and State)	YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Boyd County Middle School Renovation</b>	2015-ongoing	Ongoing
<b>Ashland, Boyd County, Kentucky</b>		

### PROJECT OWNER'S INFORMATION

PROJECT OWNER	POINT OF CONTACT	POINT OF CONTACT TELEPHONE NUMBER
Boyd County Board of Education	Brock Walter, Superintendent	606-928-7124

#### BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

This \$25 million dollar renovation and addition will be completed in two phases. The first phase featured remediation to fix the structural integrity of the present structure. The second phase will add auditoriums, gymnasiums, classrooms, computer labs, a state of the art kitchen and cafeteria,

Consulting Fee:       \$69,000.00



TITLE AND LOCATION (City and State)	YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Millard Elementary School	2015-2017	2017
Millard, Pike County, Kentucky		

### PROJECT OWNER'S INFORMATION

PROJECT OWNER	POINT OF CONTACT	POINT OF CONTACT TELEPHONE NUMBER
Pike County Board of Education	Reed Adkins, Superintendent	606-432-7700

### BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

The construction of the Millard Elementary School is very construction as it is on a 146-acre reclaimed mine site. The site will house over 700 students in kindergarten through eighth grade. The building will consist of multiple stories, and will feature athletic fields. We oversaw the moving of over 900,000 cubic yards of material to begin the project and are continuing our KBC/IBC Inspection services through the completion of the project.

Consulting Fee: \$144,000.00





# BEREA CITY HALL MUNICIPAL POLICE & FIRE DEPARTMENT



**\$12.6 million**

**Total Project Cost**

**\$32,000**

**Project Fees**

## SERVICES



### Owner Representative

Randy Stone  
(859) 986-8528  
2015 - 2017

**44,300 Square Feet**

L.E. Gregg was involved from design phase through construction of the \$12.6 million-dollar renovation and new addition to the Berea City Hall, which houses the Municipal Police and Fire Department. The plans called for a two-story facility to combine the administrative, police and fire departments under one roof. Seventy-five percent of the city's staff can be housed in this new building. The stone and glass facade building houses a large auditorium for training, three equipment bays,

locker rooms, living spaces, and a sally port for the secure transportation of suspects to the police station.

Construction phase inspections included soil, reinforced concrete, reinforced masonry, structural steel, wood framing, and firestop inspections to comply with the Kentucky Building Code as well as project plans and specifications.

## A Partnership with BGA for Almost 20 Years

Runways, taxiways, numerous private and corporate hangars, terminal expansions, parking lots, and parking garages



# BLUEGRASS AIRPORT: SNOW REMOVAL EQUIPMENT (SRE)



**\$128 million**

**Total Project Cost**

**\$92,000**

**Project Fees**

## SERVICES



### Owner Representative

Mark Day, PE  
(859) 452-3100  
2012 - 2016

To aid in the design and placement of the new SRE Facility and Capital Improvement TSEP, L.E. Gregg devised the subsurface exploration plan based on the needs of the client and the design team. The exploration included 36 soil test borings and soundings, 7 rock cores, and a geophysical survey. The site posed some challenges which included a highly karstic topography, uncontrolled fill materials, varying soil plasticity, and areas of shallow bedrock. The drilling was completed using multiple mobilizations for the team to alter the design of the facility based on L.E. Gregg's findings. The geophysical survey revealed sinkholes, faults, and voids within the

underlying bedrock which required modifying the placement of the facility during the design process.

Once the geotechnical phase was complete, LE Gregg completed the Special Inspections during the construction phase. The facility required lime stabilization to limit the negative effect the highly plastic clays pose to the structure and the 10,000 square feet of concrete pavement. Since this building was classified as an essential facility, according to the Kentucky Building Code, L.E. Gregg performed seismic Special Inspections during the construction phase.



# TENNESSEE VALLEY AUTHORITY COMBINED CYCLE POWER PLANT



**\$15 million**  
Total Project Cost

**\$70,000**  
Project Fees

## SERVICES



**Date of Service**  
2012 - 2016

As part of its commitment to expand fuel diversity, Tennessee Valley Authority replaced its two oldest coal-fired units at the Paradise Fossil Plant with a natural gas plant. The new facility is a 3x1 combined cycle plant with a 1,200-megawatt generation capacity. L.E. Gregg was the lead engineering firm for subsurface investigations of a raw water intake for the new replacement facility to the existing fossil fuel plant.

L.E. Gregg Associates performed an extensive geotechnical subsurface investigation involving multiple mobilizations to aid in the

design of a Ranney Collection Well, which included microtunneling for the intake system. Our engineers optimized the horizontal bore location based on constructibility and stability criteria, performed slope stability analysis, lateral force analysis, provided coffer dam design criteria for the construction of the river intake, provided extensive rock core analysis, as well as soil corrosivity analysis. Our project management and engineering services during construction ensured the client's needs and budget were met.



# JAMES E. BRUCE CONVENTION CENTER AND SPORTSPLEX



**\$8.5million**  
Total Project Cost

**\$54,000**  
Project Fees

## SERVICES



**Owner Representative**  
Mike Perry  
(270) 890-0601  
2018 - 2019

**54,000 Square Feet**

This \$8.5 million-dollar expansion to the James E. Bruce Convention Center is part of the push for Christian County to be prepared for the growing entertainment and residential boom anticipated by the many coming projects. L.E. Gregg provided construction phase

inspections including soil, reinforced concrete, reinforced masonry, structural steel, wood framing, and firestop inspections to comply with the Kentucky Building Code and project plans and specifications.



**Jason  
Ainslie, PE**

## PROFESSIONAL ENGINEER LICENSES

Alabama #38157-E  
Arkansas #18760  
Florida #86901  
Georgia #PE043199  
Iowa #23414  
Illinois #062.068322  
Indiana #10310508  
Kansas #PR26787  
Kentucky #23677  
Maine #PE15946  
Michigan #6201064556  
Missouri #2019008801  
Nebraska #E-16081  
Nevada #026425  
New Mexico #25356  
North Carolina #PE044666  
North Dakota #PE-8834  
Ohio #PE 69992  
Oregon #94767PE  
Pennsylvania #PE085498  
South Carolina #36506  
Tennessee #119240  
Virginia #0402055779  
Washington #57277  
West Virginia # 20248  
Wisconsin # 46894-6  
Premier Certified IFC Firestop Inspector

## EDUCATION

BS, Geological Engineering,  
University of Missouri  
Rolla, Missouri, 1999

## REPRESENTATIVE EXPERIENCE

### President and Principal Engineer

L.E. Gregg Associates  
Lexington, Kentucky  
2011 – Present

### Project Engineer

Patriot Engineering and Environmental  
Evansville, IN  
2005-2011

### Project Engineer

American Engineers, Inc.  
Glasgow, KY  
2000-2005

**Total 19 Years Experience**

## RELEVANT EXPERIENCE

### Madison County Water Treatment Plant Slope Failure

*Madison County Water Facilities Board; Waco. KY*  
2014-2015

### MCTC/MSU Postsecondary Center of Excellence

*DECA; Morehead, KY*  
2014-2015

### UPike Health Professional Education Building

*Pikeville, KY*  
2015-2018

### Bluegrass Airport Taxiway Safety Enhancement Program

*Lexington, KY*  
2016-2018



## Steven Mortimer, PE

### PROFESSIONAL ENGINEER LICENSES & CERTIFICATIONS

KY PE #32578

ACI Level I

ACI Strength Testing Technician

APGNA Hazardous Materials

APGNA Nuclear Gauge

APGNA RSO

KYTC Grade and Drain

### EDUCATION

BS, Civil Engineering

University of Southern Indiana

Evansville, Indiana, 2012

BS, Environmental Science

University of Evansville

Evansville, Indiana, 2007

## REPRESENTATIVE EXPERIENCE

### Senior Engineer

L.E. Gregg Associates

Lexington, Kentucky

2012 – Present

### Field and Lab Technician

Patriot Engineering and Environmental

Evansville, IN

2011-2012

**Total 8 Years Experience**

## RELEVANT EXPERIENCE

### Jessie Clark Middle School and Glendover Elementary School

*Fayette County Public Schools; Lexington, KY*

2012-2013

### FEMA Parking Lot Project

*University of Kentucky, Lexington, KY*

2013-2014

### Blue Grass Airport SRE

*Lexington, KY*

2013-2017

### Scott County Middle and Elementary School

*Georgetown, KY*

2017

### LFUCG Lansdowne South Trunk Sewer

*Lexington, KY*

2018

### Extiel Advantage Phase 1 and 2

*Somerset, KY*

2018-2019



## Megan Cleinmark, PG

### CERTIFICATIONS

Kentucky PG #162598  
ACI Field Level I  
ACI Strength Testing Technician  
KRMCA Level II  
Grade and Drain Level I  
KYTC Aggregate Technician  
Asphalt Level I  
Hazmat Certified  
Nuclear Gauge Safety Trained

### EDUCATION

MS Geosciences  
University of Montana  
Missoula, MT 2010

BS Geology & Environmental Sciences  
College of Charleston  
Charleston, SC 2006

## REPRESENTATIVE EXPERIENCE

### Professional Geologist, Environmental Professional & Lab Manager

L.E. Gregg Associates  
Lexington, Kentucky  
2013 – Present

### Project Geologist

Holman Consulting Engineers  
Missoula, MT  
2010-2012

### Geology Instructor

Bluegrass Community and Technical College  
Lexington, KY  
2013-2018

### Geology Teaching Assistant & Research Assistant

University of Montana  
Missoula, MT  
2007-2009

**Total 12 Years Experience**

## RELEVANT EXPERIENCE

### Hope Center

Lexington, KY  
2017-2018

### Creekside Elementary School

Georgetown, KY  
2017-2019

### Nicholasville Road FEMA

Lexington, KY  
2013

### Eastern KY Tobacco Warehouse

Martin, KY  
2012-2016

### Bluegrass Airport SRE & Maintenance Facility

Lexington, KY  
2012-2016



**Chris  
Sanders**

## PROFESSIONAL LICENSES & CERTIFICATIONS

ACI Field Level I ICC Reinforced  
Concrete Special Inspector  
Asphalt Level I ICC Spray-Applied  
Fireproofing Special Inspector  
Hazmat Certified  
OSHA 10  
Nuclear Gauge Safety Training  
IFC Certified Premier Firestop Inspector

## EDUCATION

AS Environmental Science  
KCTCS  
Lawrenceburg, KY 2001

## REPRESENTATIVE EXPERIENCE

### **IFC Firestop & Project Manager**

L.E. Gregg Associates  
Lexington, Kentucky  
2006 – Present

**Total 13 Years Experience**

## RELEVANT EXPERIENCE

### **UK College of Medicine Renovation**

Lexington, KY  
2017-2018

### **Creekside Elementary School**

Georgetown, KY  
2017-2019

### **Great Crossing High School**

Georgetown, KY  
2017-2019

### **Churchill Downs Starting Gates Suites**

Louisville, KY  
2017-2018

### **Ashland Plaza Hotel Renovation**

Ashland, KY  
2018-ongoing

### **River Haus Main Strauss Apartments**

Covington, KY  
2019 - ongoing

### **UPike – Health Professions Education Facility**

Pikeville, KY  
2016-2018



**Robert  
Lyons**

## CERTIFICATIONS

ACI Field Level I  
2-10 Home Inspector  
OSM Inspector  
HUD Foundation Inspector  
Code Admin Assoc of KY  
Troxler Nuclear Density Gauge Certified  
Hazmat Certified

## EDUCATION

Mechanical Drafting, Mayo State  
VocTechnical School  
Paintsville, KY 1983

Associate Arts/Graphics  
Prestonsburg  
Community College 1984

## REPRESENTATIVE EXPERIENCE

### Project Manager

L.E. Gregg Associates  
Lexington, Kentucky  
2016 – Present

### Construction Inspector

Bocook Engineering, Inc,  
Paintsville, KY  
1984-99 & 2001-2016

### Vice President

Mike Brown Co Construction  
Paintsville, KY  
1999-2001

**Total 35 Years Experience**

## RELEVANT EXPERIENCE

### Hutch Chrysler-Dodge

Paintsville, KY  
2014

### Millard Elementary School

Millard, KY  
2017

### Christian Appalachian Project

Paintsville, KY  
2014

### Highland Elementary School

Stafforsville, KY  
2012

### Belfry High School

Belfry, KY  
2010

### Ashland Airport

Worthington, KY  
2018-2019



## Daniel Bowles

### PROFESSIONAL LICENSES & CERTIFICATIONS

ICC Master Inspector  
ACI Field Level I  
KYTC Grade and Drain – Level I  
Hazmat Certified  
Nuclear Gauge Safety Trained  
OSHA 10 Trained

### EDUCATION

AA in University Studies  
Morehead State University  
Morehead, KY 2008

## REPRESENTATIVE EXPERIENCE

### ICC Master Inspector & Engineering Representative

L.E. Gregg Associates  
Lexington, Kentucky  
2014 – Present

### Field Representative

Brett Construction Company  
Lexington, Kentucky  
2003 - 2004 & 2008 – 2014

**Total 13 Years Experience**

## RELEVANT EXPERIENCE

### Great Crossing High School

Georgetown, KY  
2017-2019

### Creekside Elementary School

Georgetown, KY  
2018 -2019

### Athens Boonsboro Elementary School

Georgetown, KY  
2018-Ongoing

### Beaver Creek Alternative School

Martin, KY  
2015-2017

### LFUCG Expansion Area 3 Pump Station

Lexington, KY  
2018-2019

### BGST Avon Building 352

Lexington, KY  
2018-2019



**Mike  
Pierce**

## PROFESSIONAL LICENSES & CERTIFICATIONS

AWS Certified Welding Inspector  
ACI Field Level I  
CWI Steel Inspector  
Hazmat Certified  
Nuclear Gauge Safety Trained

## REPRESENTATIVE EXPERIENCE

### **CWI & Engineering Representative**

L.E. Gregg Associates  
Lexington, Kentucky  
2001 – Present

### **Engineering Technician**

Ground Engineering and Testing Services  
Louisville, Kentucky  
1991-1999

**Total 28 Years Experience**

## RELEVANT EXPERIENCE

**Role** CWI and/or Senior Engineering Representative

### **BGA Phase V ARFF Building**

*Lexington, KY*  
2018 - ongoing

### **Great Crossing High School**

*Georgetown, KY*  
2017 - 2019

### **Creekside Elementary School**

*Georgetown, KY*  
2018 - 2019

### **Athens Boonsboro Elementary School**

*Georgetown, KY*  
2018- 2019

### **UPike – Health Professions Education Facility**

*Pikeville, KY*  
2016 - 2018

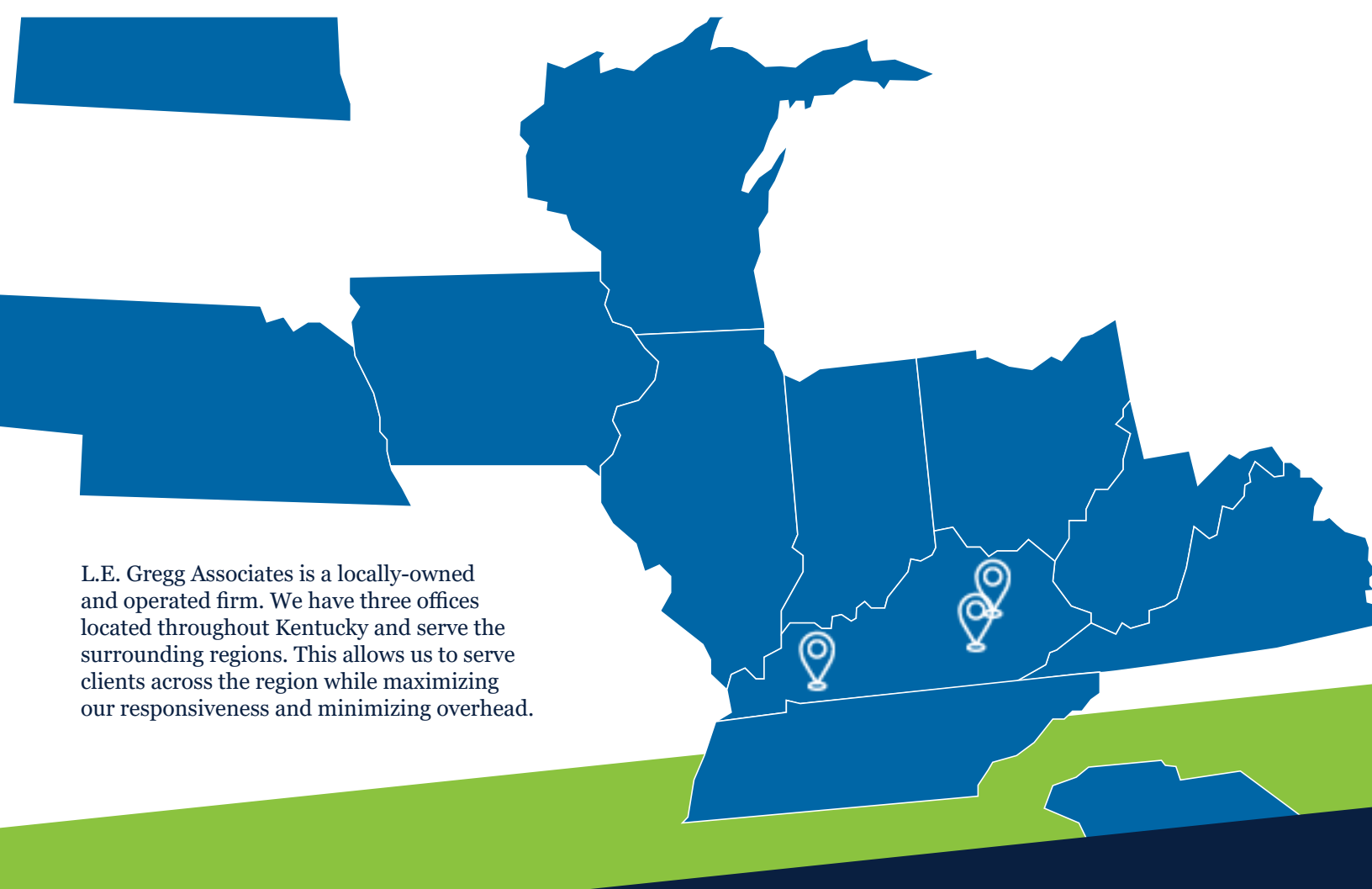
### **Fredrick Douglas High School**

*Lexington, KY*  
2014-2016

### **Origins at Fritz Farms**

*Lexington, KY*  
2012-2019

# SERVING KENTUCKY & SURROUNDING REGIONS



L.E. Gregg Associates is a locally-owned and operated firm. We have three offices located throughout Kentucky and serve the surrounding regions. This allows us to serve clients across the region while maximizing our responsiveness and minimizing overhead.

## OFFICE LOCATIONS

### Headquarters / Lexington

2456 Fortune Drive, Suite 155  
Lexington, KY 40509  
(859) 252-7558  
Fax (859) 255-0940

### Somerset

516 Monticello Street, Unit 4  
Somerset, KY 42501

### Hopkinsville

1091 Skyline Drive  
Hopkinsville, KY 42240  
(270) 874-2606



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& MATERIALS ENGINEERS**

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