



Every Child Every Day

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Consent Agenda Item (Action Item): Consider/Approve awarding the contract for Special Inspections and Construction Materials Testing for the Betsy Layne High School (BLHS) Synthetic Turf Replacement Project to Solid Ground.

Applicable State or Regulations: Capital Construction Process, 702 KAR 4:160

Fiscal/Budgetary Impact: The revised BG-1 project cost is **\$731,734.54**. Funding for this project will be provided through the SFCC bond sale.

History/Background: The existing synthetic turf at Betsy Layne High School was installed in 2012. Synthetic turf fields typically have an expected lifespan of 8–10 years, depending on usage and environmental conditions. This field serves elementary, middle, and high school athletic programs, making it a heavily utilized facility that requires replacement to maintain a safe and reliable playing surface.

The initial BG-1 project cost was **\$895,000**. Subsequent bid results and project revisions reduced the total project cost to **\$731,734.54**.

- **January 28:** Board approved the Initial BG-1 (Order #20818).
- **March 23:** Board approved the Request to Bid (Order #20850).
- **April 27:** Board approved the construction bids (Order #20869).
- **May 26:** Board approved the revised BG-1 reflecting the reduced project cost (Order #20844).

In accordance with the Kentucky Department of Education's capital construction requirements, Special Inspections and Construction Materials Testing services are required for this project. Staff recommends awarding these services to **Solid Ground**.

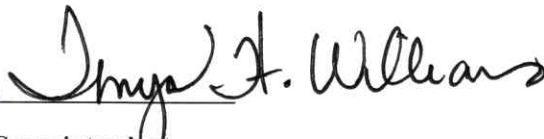
Recommended Action:

Approve awarding the contract for Special Inspections and Construction Materials Testing for the Betsy Layne High School Synthetic Turf Replacement Project to Solid Ground.

Contact Person(s):

Kevin O'Quinn, Facilities Director


Director


Superintendent

Date: July 6, 2026

The Floyd County Board of Education does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex, or disability in employment, educational programs, or activities as set forth in Title IX & VI, and in Section 504.

442 KY ROUTE 550, EASTERN KY, 41622
TEL: 606.886.2354 FAX: 606.886.4550

April 3rd, 2026

TO: Kevin McCalla, PLA, ASLA, LEED AP BD+C
FROM: Sam Pauly
RE: Betsy Layne Synthetic Turf Replacement
Stanville, KY
RTA 26004

RTA has sent SPIN proposals to Solid Ground, S&ME, Terracon and UES. RTA has received and reviewed the SPIN proposals in summary:

Company	Notice for site work	Total
Solid Ground	24 Hour	\$11,500
S&ME	Did not submit	Did not submit
UES	24 Hour	\$39,340
Terracon	24 Hour	\$31,782

Solid Ground

Solid Ground presented a lump sum fee of \$11,500 for the project. A minimum of 24-hour notice must be provided to Solid Ground when services are needed.

S&ME

S&ME did not submit a proposal for this project.

UES

UES presented a not-to-exceed fee of \$39,340 for the project. A minimum of 24-hour notice must be provided to UES when services are needed.

Terracon

Terracon presented a not-to-exceed fee of \$31,782 for the project. A minimum of 24-hour notice must be provided to Terracon when services are needed.

Conclusion

Based on the cost, personnel proposed, and the scope of work to be performed, we are recommending that **Solid Ground** be awarded the Special Inspections and Construction Materials Testing. If you have any questions, please let us know.

END OF MEMORANDUM

Sincerely,

Sam Pauly

Enclosures

c: Kevin McCalla, PLA, ASLA, LEED AP BD+C
Michael Hughes, AIA, LEED AP
Sarah Lamere, AIA, LEED AP BD+C, WELL AP
File 26004-1A
260403-SPIN-summary-26004



March 31, 2026

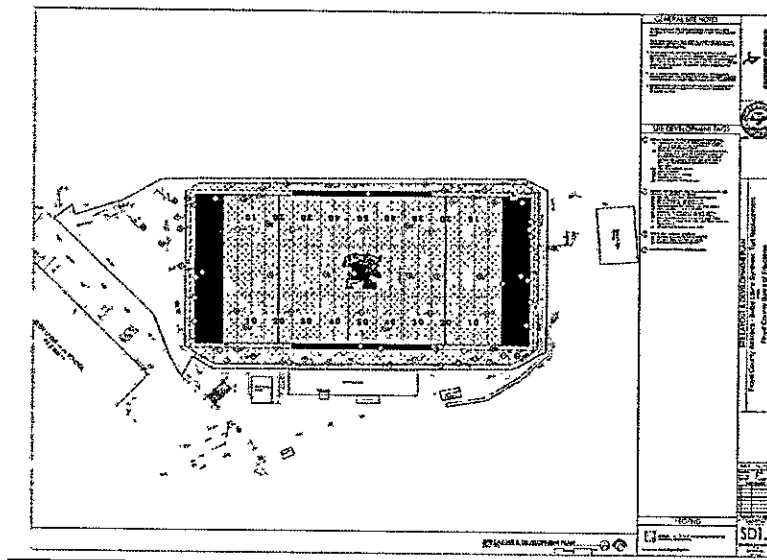
Mr. Pauly
Landscape Designer
RossTarrant
101 Old Lafayette Avenue
Lexington, Kentucky 40502
p. (859)254-4018
e. spauly@rosstarrant.com

Subject: Proposal for Turf testing
Betsy Lane High School Turf Replacement
Stanville, Kentucky
Proposal #107126

Solid Ground Consulting Engineers, PLLC (Solid Ground) is pleased to provide you with this proposal for Special Inspections Services for the Betsy Lane High School Turf Replacement project in Stanville, Kentucky. This proposal details project information, proposed scope of services, schedule and estimated cost.

Project Description and Location

The project consists of Turf Testing The project will be located at 554 Bobcat Blvd Stanville, Kentucky 41659



Scope of Services- Turf Sampling

We will provide Special Inspection Services per Chapter 17 of the 2018 Kentucky Building Code. Based on the Site plans dated 03/25/2026 by RossTarrant, the following services will be performed:

Construction Inspection Services

- All inspections, Observations and Testing items as identified in Division 31 of the specifications. This site has significant earthwork and fill operations. As such, inspectors will be required to be on site on a full-time basis during grading and filling operations.
- All inspections for Stone Base, Asphalt Pavement, and Concrete Pavements as identified in Division 32 of the specifications.
- Third party testing of the athletic synthetic turf. Six (6) carpet samples are to be taken from the delivered materials (selected by the architect). Each sample of Synthetic Turf to be tested is to cover the following items:
 - Thickness & Width of Ribbon-Micron – ASTM D 418
 - Fiber Construction: Primary Backing, Secondary Backing, Face Weight, Pile Weight & Total Weight – ASTM D 418, & ASTM D58483
 - Tufting Gauge
 - Pile Height – ASTM D 418
 - Resistance to Pullout (Tuft Bind) – ASTM D 1335 & ASTM F 1551
 - Grab Tear Strength – ASTM D 5034
 - Abrasive Index – ASTM F1015
- A minimum of 12 locations are to have G-Max tests performed for the completed field system to verify the shock attenuation properties of the completed system – ASTM 355, 1936 method.
- A minimum of 16 (8 for the existing capstone drainage base, 8 on the finished turf system for) infiltration rate tests on site. BSI 7044 Method 4, ASTM 355, 1936 method.
- A minimum of 7 infill composition tests to verify composition of infill installed on the field.
- A minimum of 80 infill depth tests spaced out equally across the field to evaluate the installed infill depth.
- Advanced Artificial Athlete Testing at a minimum of 6 locations on the field to cover the following:
 - Shock Absorption (prEN16717:2014, ASTM 3189)
 - Vertical Deformation (prEN16717:2014, ASTM 3189)
 - Energy Restitution (prEN16717:2014)
 - Rotational Resistance (prEN16717:2014)



Deficiencies shall be reported in writing to the owner and to the authority having jurisdiction..

Schedule

We request 24-hour notice prior to providing on-call personnel to enable us to schedule the work efficiently. For final letter requests, we require a one (1) week notice prior to needing the letter. Ron Cooke (606)627-4371 or office at (888)255-4759

Compensation

Based on the above scope of services and a review of the drawings provided, we propose a Special Inspections Lump Sum Fee of **\$11,500.00**. Invoices will be sent at the end of each month based on percentage of completion for the project.

OPTION 2- If needed we propose a Special Fee of **\$750.00** per day (10 hours) for Special cases such as checking for the drainage holes. Invoices will be sent at the end of each month based on number of trips.

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.



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: Vance Mitchell, COO

DATE: April 1, 2026

CLIENT or CLIENT 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: _____





rosstarrant architects

a MOREgroup brand

3/23/2026

Mr. Vance Mitchell
Solid Ground Consulting Engineers, PLLC
1419 Lexington Road
Richmond, Kentucky 40475

Via e-mail: vance@solidgroundce.com

Floyd County Athletics - Betsy Layne High School Synthetic Turf Replacement
Eastern, KY
RTA 26004

Rosstarrant Architects, Inc has been asked by the Floyd County Board of Education to solicit proposals for Construction Observation & Materials Testing for the above Referenced project. The site is located at 554 Bobcat Blvd, Stanville, KY 41659.

The project scope includes site improvements for the replacement of the existing synthetic turf football field with a new synthetic football field system. New football equipment including field goals, wall pads, and associated field equipment are included.

The proposed construction period scheduled for this project is from May 18, 2026 and shall be completed in August of 2026.

Construction Inspection Services

The testing agency will be responsible for the following:

1. All inspections, Observations and Testing items as identified in Division 31 of the specifications. This site has significant earthwork and fill operations. As such, inspectors will be required to be on site on a full-time basis during grading and filling operations.
2. All inspections for Stone Base, Asphalt Pavement, and Concrete Pavements as identified in Division 32 of the specifications.
3. Excavation and Backfill work for all Utilities as identified in Divisions 20, 22, 26, 31 and 33 of the specifications.

Proposals must also include pricing for third party testing of the athletic synthetic turf. Six (6) carpet samples are to be taken from the delivered materials (selected by the architect). Each sample of Synthetic Turf to be tested is to cover the following items:

- Thickness & Width of Ribbon-Micron – ASTM D 418

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- Fiber Construction: Primary Backing, Secondary Backing, Face Weight, Pile Weight & Total Weight – ASTM D 418, & ASTM D58483
- Tufting Gauge
- Pile Height – ASTM D 418
- Resistance to Pullout (Tuft Bind) – ASTM D 1335 & ASTM F 1551
- Grab Tear Strength – ASTM D 5034
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- A minimum of 12 locations are to have G-Max tests performed for the completed field system to verify the shock attenuation properties of the completed system – ASTM 355, 1936 method.
- A minimum of 16 (8 for the existing capstone drainage base, 8 on the finished turf system for) infiltration rate tests on site. BSI 7044 Method 4, ASTM 355, 1936 method.
- A minimum of 7 infill composition tests to verify composition of infill installed on the field.
- A minimum of 80 infill depth tests spaced out equally across the field to evaluate the installed infill depth.

Advanced Artificial Athlete Testing at a minimum of 6 locations on the field to cover the following:

1. Shock Absorption (prEN16717:2014, ASTM 3189)
2. Vertical Deformation (prEN16717:2014, ASTM 3189)
3. Energy Restitution (prEN16717:2014)
4. Rotational Resistance (prEN16717:2014)

The following are potential synthetic turf testing firms to consider for this project:

- Sports Laboratories located in Chattanooga Tennessee, (423)-617-6928
- Firefly Sports Testing located in Hooksett New Hampshire, (603)-715-5453
- Labosport International located in Dalton Georgia, (706)-226-3283

Special Inspectors will be required to attend the Pre-Construction meeting as well as the monthly progress meetings for the duration of time which Special Inspections and Material Testing is required by the project.

Inspection records are to be maintained in accordance with Chapter 17 of the Building Code and are to include details of any items or conditions that did not meet the code or contract requirements, and how and when such items or conditions were corrected. Copies of the inspection records are to be distributed to the Architect on a weekly basis and in a typed format with accompanying photographs

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and copies or digital representations of the Bid Document drawings showing the locations of the work. No hand-written notes, sketches or other report items will be accepted.

A discrepancy log is to be kept and maintained which logs all plan and specification discrepancies observed during construction. The discrepancy log is to be distributed monthly to the Architect or whenever a discrepancy is noted or remediated. The discrepancy log is to include the date on which the discrepancy was observed, a brief description of the discrepancy, the observation report that contains the discrepancy and the contractor or representative notified of the discrepancy. When a discrepancy has been observed to be remediated, the log is to be updated as such with the date it was remediated.

At the conclusion of the project, the special inspector shall submit a written statement that the special inspections during construction have complied with the Structural Quality Assurance Plan and in accordance with the building code and that any discrepancies noted during construction have been corrected. Refer to the Contract Documents, which may be available and examined at the Floyd County Board of Education or RossTarrant Architects, Inc., 101 Old Lafayette Avenue, Lexington, Kentucky 40502. A full list of plan rooms that have construction documents on file is available at www.lynnimaging.com.

All proposals shall include resumes for the primary inspector and two alternate inspectors, and all inspectors for the project must be International Code Council (ICC), American Concrete Institute (ACI) and Certified Welding Inspector (CWI) certified for all required special inspections. **The primary inspector on site for work occurring must be ICC Certified in that field and have a minimum of five (5) years of experience with similar construction.** No other inspectors shall be used for the duration of the project. In the event that the alternate inspector is required to perform the work, the testing agency is to notify the Architect immediately.

Additional Requirements

All proposed work must be produced by in-house personnel utilizing in-house laboratory and testing equipment. The out-sourcing or third-party performance of any engineering, inspection or testing work is strictly prohibited.

The consultant shall submit insurance listing the Floyd County Board of Education as the certificate holder before receiving a signed agreement.

The inspection firm shall carry and provide proof for the following insurance:

- Professional Liability - \$1,000,000.00 per occurrence with \$2,000,000 aggregate.
- Commercial General Liability - \$500,000 per occurrence with \$1,000,000 aggregate.
- Workers Compensation including Employers Liability as required by statute.
- Automobile Liability and Non-Owned Automobile Liability with limits of \$500,000 per occurrence.

All proposed fees are not to exceed maximum amount. Proposed fees are to be accompanied by a list of **all** unit pricing (hourly wages, trip expense, equipment and testing) that may apply to the project.

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Proposals shall have unit pricing for weekday 1-day and ½ day, and weekend 1-day and ½-day including trip expense. Invoicing for Special Inspection Services is to be billed on a percentage of inspections completed. The above mentioned not to exceed maximum amount will not be increased due to Contractor scheduling or any other construction related items unless the TOTAL construction time is increased beyond what is indicated in this RFP and the specifications for this project.

Proposals will be evaluated based on firm and Inspector qualifications, proximity to the project site, terms of the proposed project agreement and fee. NO LIMITATION OF LIABILITY will be allowed.

Proposals should be submitted to Ross Tarrant Architects, Inc. no later than 3:00 PM local time on **Thursday , March 26th**. All proposals shall be marked or called out as Construction Inspections on the outside of the envelope. Conflicts of interest, gratuities and kickbacks are defined in KRS 45A.445 and as provided for in KRS 45A.445 are absolutely prohibited.

If you have any questions, or require additional information, please feel free to contact me.

Sincerely,

Kevin McCalla

Associate / Senior Landscape Architect

859-254-4018

c: Sarah Lamere, Michael Hughes, Michael Mays - RTA

RossTarrant Architects
101 Old Lafayette Avenue
Lexington, KY 40502
wearemore.com

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