



March 11, 2014

Mr. Keegan O'Daniel  
Henderson County School District Transportation Department  
5675 Airline Road  
Henderson, KY 42420

Mr. O'Daniel:

Thank you for reaching out to American Engineers, Inc. (AEI) regarding your need for a conceptual traffic study at Henderson County High School located at 2424 Zion Road. We appreciate the opportunity to serve the Henderson County School District and the public of Henderson County. AEI is very familiar with the traffic, thoroughfare, and safety related issues onsite and on the adjacent roadways (Zion Road, Garden Mile Road, and Larue Road). We will work closely with stakeholders to ensure a reasonable, economic, and safe solution is identified.

Based on the preliminary information provided to AEI, it is not currently feasible to provide a specific fee for the work to be performed. A detailed scope of services has yet to be established. However, it is of the opinion of AEI that the necessary work for this project should be able to be completed for less than \$4,300, pending the establishment of a detailed scope of services. For your reference, I have attached a copy of AEI's Staff/Field Services Rates, so you know our hourly rates by employee classification and services provided. Following an initial scoping meeting with school officials and the district's architect, RBS Design Group, AEI will develop a detailed scope of services and a specific fee for those services. Depending on the scope established, the fee could be considerably less or slightly more, depending on the desired details and deliverables.

Initially, we anticipate the project to include 2 meetings with school officials, collection and evaluation of existing site and traffic conditions, basic field evaluation during morning and afternoon peak conditions, the development of 2-3 concepts for consideration, and a final presentation of the concepts. However, specific details about the planned CTE Unit expansion, the school's desire for an additional point of entry/exit on Garden Mile Road, any limiting factors that would prevent specific traffic movements, and the potential for more detailed traffic data collection and traffic signal modifications on Zion Road could have an impact on the established scope and associated fee for the project.

Please let me know if you would like to proceed with this study, and we will schedule a scoping meeting as soon as possible to establish a contractual scope and fee for this traffic study. Again, thank you for reaching out to AEI, and we greatly appreciate the opportunity to serve the Henderson County School District. Please give me a call (270-844-2871) or email ([mvickers@aei.cc](mailto:mvickers@aei.cc)) with any questions. We will be in touch and we look forward to serving you.

Respectfully,  
**AMERICAN ENGINEERS, INC. (AEI)**

A handwritten signature in blue ink, appearing to read "M. J. Vickers", is written over the company name.

Michael J. Vickers, PE  
Owensboro Branch Manager

Attachment: AEI Staff/Field Services Rates



**AMERICAN ENGINEERS, INC.**  
PROFESSIONAL ENGINEERING

Effective January 1, 2012

## AEI STAFF/FIELD SERVICES RATES

### Hourly Staff Rates

CEO/Principal/Project Engr	\$ 150.00
Principal Proj Engr/Arch	\$ 145.00
Geotech Sr. Proj. Engr	\$ 145.00
Sr. Project Engineer	\$ 140.00
Project Engineer	\$ 125.00
Jr. Project Engineer	\$ 95.00
Lic. Land Surveyor	\$ 115.00
LSIT	\$ 75.00
Engineer (EIT II)	\$ 80.00
Engineer (EIT I)	\$ 75.00
Reg Geologist	\$ 75.00
Geologist (GIT)	\$ 60.00
Civil Tech IV	\$ 70.00
Civil Tech III	\$ 55.00
Civil Tech II	\$ 50.00
Civil Tech I	\$ 45.00
Survey Party Chief	\$ 70.00
3-Man Survey Crew	\$ 150.00
2-Man Survey Crew	\$ 115.00
Clerical/Secretarial	\$ 50.00
Executive Assistant	\$ 85.00
Lic. Landscape Arch	\$ 90.00

### Mileage

Standard Vehicle	\$ 0.45/mile
Support Vehicle	\$ 0.58/mile
Drill Rig	\$ 3.00/mile

### Soils Testing

California Bearing Ratio (CBR)	\$ 200.00
Modified Proctor	\$ 175.00
Standard Proctor	\$ 150.00
Unconfined Compression Strength (qu)	\$ 50.00
Consolidation Testing	\$ 300.00
Organic Content	\$ 50.00
Grain Size Analysis	\$ 60.00
Atterberg Limits	\$ 50.00
Natural Moisture Content	\$ 7.00
Visual Classification	\$ 2.00
Field Density (Nuclear-otherwise)*	\$ 45.00/hr

### Aggregates/Asphalt

Gradation/Extraction	\$ 100.00
Gradation	\$ 55.00
Extraction	\$ 55.00
Specific Gravity	\$ 35.00
Asphalt Coring	\$ 90.00/hr
Field Density Test (Nuclear)	\$ 45.00/hr

### Concrete

Compressive Strength	\$ 12.00**
<i>(including curing, testing, holding in reserve with four copies of report. AEI did make the cylinders)</i>	
Concrete Cylinders *	\$ 45.00/hr
Concrete Slump Test *	\$ 45.00/hr
Air Entrainment*	\$ 45.00/hr
Concrete Beams*	\$ 45.00/hr

### Drilling Services

Drill Rig and Crew for	
Soil auger Borings (w/SPT)	\$ 145.00/hr
Rock Coring	\$ 35.00/foot
Rock Coring Setup	\$ 100.00/hr
UD 3-inch Tube Sampling	\$ 50.00/ea
Dozer Work	\$ 80.00/hr
Slab Coring	\$ 90.00/hr

### Subsurface Utility Engineering

Ground Penetrating Radar (SUE Level B)	\$ 150/hr
Vacuum Excavation (SUE Level A)	\$ 200/hr

\* *Civil Tech, I, II, III, IV dependent upon availability and/or complexity.*

\*\**Test price is in addition to the standard hourly rate.*

***Additional testing may be available upon request.***