



September 5, 2018

Mr. Taylor Davis, P.E.  
**City of Foley**  
200 North Alston street  
Foley, Alabama 36535

Re: **Proposed Scope and Cost for Construction Materials Testing**  
Woerner Park Roadway – Phase I  
Foley, Alabama

Dear Mr. Davis:

GeoCon Engineering & Materials Testing, Inc. appreciates the opportunity to provide Construction Materials Testing for the above referenced project. Below is a general outline of our recommended scope of testing and our associated costs.

#### **Scope of Testing**

- Compaction testing of utility trench backfill – 95% Standard Proctor Density
- Compaction testing on final subgrade – every 500 LF 100% Standard Proctor Density
- Proctor test on subgrade – every 1,000 LF or change in material
- Proof roll subgrade prior to curb placement – proof roll to be performed by the contractor with a loaded tandem axle dump truck and proof roll to be observed and documented by GeoCon personnel
- Concrete test cylinders – at least 1 set for each type of structure (i.e. curb, drainage structures) or every 50 yards of concrete for each structure
- Compaction testing on granular base – every 500 LF 95% Modified Proctor Density
- Proctor test and Classification Test on base material – every 1,000 LF or change in material
- During asphalt placement – GeoCon will have a certified asphalt technician at the asphalt plant to perform asphalt gradation, A/C content, Air Voids and Rice Gravity (one test per day or per mix)
- Asphalt coring with core thickness and bulk density – every 500 LF required density 92% +/- 2%
- Field visits at the request of the project Civil Engineer
- All reports will be signed by the project Geotechnical Engineer (P.E.)
- A final letter will be provided indicating testing performed and results of the tests for the project

Note: The above list of tests and intervals are a general guideline for the schedule of testing. Additional testing may be done based on soil conditions, weather conditions following testing, etc.

### **Fee Estimate**

We recommend that you budget \$5,000 for the above described testing.

### **Scheduling**

We anticipate that part-time monitoring on an on-call basis would be expected for this project. The contractor is responsible for scheduling the required tests with GeoCon. We ask that a 24 hour notice be provided.

### **Test Reporting**

The client, contractor and project Civil Engineer will be notified of the test results after the test results have been reviewed and confirmed by GeoCon's engineer. After testing is completed, all test reports will be provided with a letter summarizing the tests results. Test reports will be signed by the project Geotechnical Engineer for GeoCon.

### **Testing Standards**

Our work on this project would be completed in general accordance with applicable ASTM standards and with generally accepted current standards of geotechnical engineering practices. We maintain general and professional liability insurance in amounts typically acceptable for similar projects. A copy of our insurance certificate can be obtained at your request.

Sincerely,

**GeoCon, Inc.**



Jason J. Christian, P.E.  
Geotechnical Engineer