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09/23/2025

Effingham County Board of Commissioners  
804 South Laurel Street, Springfield, GA 31329  
**Re: Change Order Request**  
**- 1250064, Effingham Co Atlas Sand Mine Park**  
**Design Quote ID 52620**

Pond is pleased to continue supporting activities related to the above referenced project. There are some additional costs needed to complete the scope. Please review the details below and approve this change order request. The same Terms and Conditions in the current contract still apply unless explicitly stated otherwise herein.

Thank you. We appreciate your business!

#### Additional Item Description & Costs

Description	Fee Total
Geotechnical Investigation for Roads and Parking	\$10,257.50
<b>Total</b>	<b>\$10,257.50</b>

#### Impact on Project Schedule

Add 30 days to design schedule
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#### Special notes from Pond Project Manager

Tre: Per your request we have obtained a proposal for additional geotechnical services to identify unsuitable material at the Atlas Site. The proposed fee from the geotechnical subconsultant is \$9,325.00, and Pond's fee for coordination and management is \$932.50, for a total of \$10,257.50.
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Best Regards

Your Project Manager: Brad Jones  
Email: jonesb@pondco.com



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September 18, 2025

Pond & Company  
3500 Parkway Lane, Suite 500  
Peachtree Corners, GA 30092

Attention: Mr. Brad Jones, PLA, ASLA  
(404) 395-3305  
[JonesB@pondco.com](mailto:JonesB@pondco.com)

Referencing: Proposal to provide Geotechnical Services for  
Atlas Sand Mine Park  
Planned Pavement Improvements  
Sand Hill Road, Effingham County, Georgia

Dear Brad,

In accordance with your request, we have prepared the following cost estimate to perform geotechnical evaluation services for the planned pavement improvements at Atlas Sand Mine Park on Sand Hill Road in Effingham County, GA.

We understand that pavements will consist of an entrance road, driveways, parking areas and walking trails. As requested, geotechnical services will consist of the following:

1. Advancement of twenty-three (23), 4-foot, dynamic cone penetration (DCP) test hand auger borings within planned paved areas of the site. DCP hand auger boring data will be analyzed and subgrade preparation recommendations made for support of industry standard pavement sections. All of the 23 hand auger borings will be continuously sampled for soil mottling services to be performed on the samples in determination of the seasonal high groundwater table at the DCP auger boring locations.
2. Performance of four (4) infiltration rate tests within planned pond areas of the site. Infiltration rate testing will be performed utilizing an Aardvark permeameter. Infiltration rate testing will be performed at a maximum depth of 2 feet above the groundwater table or a maximum depth of 4 feet below existing grades. Continuously sampled offset auger borings will be performed at infiltration test locations for soil mottling services to be performed on the samples in determination of the seasonal high groundwater table at the infiltration test locations.
3. Performance of two (2) 6-foot auger borings within an existing mounded area of the site in an effort to determine the soil type within the mound and its suitability for use as fill on this site.

4. Performance of twelve (12) 4-foot auger borings within planned concrete walking pathways (sidewalks) in an effort to determine the near surface soil type within these areas of the site and if any alarming conditions are present, which would require subgrade preparation above and beyond what is considered standard construction practice for sidewalks.

All hand borings will be advanced to their pre-determined depth or to refusal whichever occurs first.

An engineering report will be prepared and will include the presentation of our findings and recommendations for subgrade preparation for support of industry standard pavement sections.

The following is a breakdown of geotechnical services and associated fees:

1. Mobilization, Project Management:
  - a) Project Management, 4 hours @ \$100.00/HR..... \$ 400.00
  - b) Support truck mobilizations, 5 @ \$75 each..... \$ 375.00
2. Perform 23 DCP auger borings to a planned depth of 4 feet below the ground surface, 12 auger borings to a planned depth of 4 feet below the ground surface, 2 auger borings to a planned depth of 6 feet below the ground surface (or to refusal, whichever occurs first) and 4 infiltration rate tests. SHGW determinations to be made at DCP auger boring locations and infiltration rate test locations.
  - a) 23, 4-foot DCP augers with SHGW determinations, \$150 each..... \$3,450.00
  - b) 12, 4-foot auger borings at \$100 each..... \$1,200.00
  - c) 2, 6-foot auger borings at \$150 each..... \$ 300.00
  - d) 4 Infiltration rate tests with SHGW determinations, LS..... \$2,000.00
3. Laboratory Services to Support Geotechnical Evaluation.
  - a) Prepare Logs & Visual Classification of Soil Samples..... \$ 650.00
4. Furnish an engineering report with subgrade preparation recommendations for pavement sections. Provide recommendations for industry standard pavement sections.
  - Lump Sum ..... \$ 950.00

**PROJECT TOTAL ESTIMATE FOR GEOTECHNICAL SERVICES= \$9,325.00**