

CAG & ASSOCIATES

CONRAD A GAZZIER
CONSULTING GEOLOGIST

4715 A COUNTY ROAD 6
GULF SHORES, AL 36542
(251)978-6214

Proposal: Investigate the shallow subsurface conditions in the vicinity of the Ashford Park area of Foley, AL.

Problem: Previous drainage and storm water control features have encountered issues with a hard-impermeable silt/clay unit underlying the storm water storage ponds. These storm water structures do not dry up even during extremely dry (droughty) conditions and lack of rainfall/runoff.

Investigation: Due to issues of access and differing land ownership it may be prohibitively expensive to move a drilling rig into easily accessible areas. It is proposed to utilize a track loader/excavator (machine) to expedite access. The machine will move to a location down gradient of a selected drainage structure and excavate an area to determine the thickness of the “problem” silt/clay unit.

The resulting excavation and observation may aid in the planning and construction of future storm water structures in this area and in similar areas within the Foley city limits. After excavation “clean” material will be used to fill the excavation to minimize future issues for the landowners.

Deliverables: CAG & Assoc. will provide a brief letter report that describes the observed subsurface conditions. The letter report may include photos of observed conditions if possible.

Limitations: The City of Foley will provide the equipment (machine) and operator for the excavation and arrange for the delivery of a suitable “clean” material to fill the excavation. CAG & Assoc. will observe the excavation and not supervise or take responsibility for the site work or abandonment of the site after excavation and filling.

Budget:

Professional services: 12 hours @ \$125.00/hr.

Expenses: None anticipated