

ABOUT SMITH & Co.

Smith & Co., located in Poplar Bluff, Missouri, was founded in 1968. Now the largest engineering firm in Southeast Missouri, the firm employs over 40 full-time people, including eight registered professional engineers, three registered land surveyors and one registered geologist.

Smith & Co. provides complete civil, environmental, and sanitary engineering services; environmental permitting; subsurface geotechnical engineering and exploration; land surveying; concrete, asphalt, and soil testing; construction inspection; and construction management.

Smith & Co.'s soil and concrete testing laboratory includes two soil/rock drilling rigs and the most commonly used testing equipment. Our wide range of services and equipment allows you to have one consultant for virtually all of your environmental, geotechnical, civil engineering and surveying needs.

Our experience in the environmental field includes Phase I Site Assessments, underground storage tank removal and closure, site characterization, soil gas surveys, and corrective action (remediation).

Smith & Co. provides the equipment, personnel, and experience necessary for the most demanding project. Our commitment to quality and customer satisfaction are unsurpassed in the region. We look forward to working with you.

An Employee Owned Company
Certified HUBZone Small Business
Veteran Owned Small Business



CERTIFICATION & TRAINING

- ◆ Certified HUBZone Small Business
- ◆ Veteran Owned Small Business
- ◆ HAZWOPER 40-hr trained employees
- ◆ MoDNR-permitted monitoring well & pump installers
- ◆ NRC licensed for nuclear density gauges

SUPPORT EQUIPMENT & FACILITIES

- ◆ GPS & Total Station Survey Equipment
- ◆ Backhoe and 20-ton dump truck
- ◆ Approved water containers
- ◆ Photo Ionization Detector (PID)
- ◆ Water/product interface probes
- ◆ Portable, dual-phase, vacuum-enhanced, product recovery unit
- ◆ Ex-situ soil remediation
- ◆ Soil, concrete and asphalt testing lab
- ◆ Dual-Mass dynamic cone penetrometer
- ◆ Unconfined compression test
- ◆ Soil resistivity (4-probe Wenner Method)
- ◆ Borehole soil permeability
- ◆ Flow measurement
- ◆ Pressure transducers with data recorders

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ENVIRONMENTAL SERVICES & GEOTECHNICAL ENGINEERING



Phone: 573-785-9621, FAX: 573-785-2651

ENVIRONMENTAL

- ◆ Initial site investigation
- ◆ Phase II site characterization
- ◆ Soil contamination investigation
- ◆ Ground water contamination monitoring
- ◆ Contaminant plume delineation
- ◆ Aquifer testing
- ◆ Ground water depth & observation wells

GEOTECHNICAL

- ◆ Subsurface investigation
- ◆ Soil classification and properties
- ◆ Bearing capacity of soil and rock
- ◆ Shallow and deep foundation design
- ◆ Fill or debris area determination
- ◆ Rock probes
- ◆ Rock coring, conventional or wireline
- ◆ Mud rotary, hollow-stem, and continuous flight auger drilling
- ◆ Liquefaction evaluation
- ◆ Piezometer installation



CME-750 ATV

- ◆ All Terrain Vehicle, 4X4
- ◆ Boring and sampling to 500'
- ◆ Height: Driving, 12'-0",
Sampling 25'-8" (Mast up)
- ◆ Length: 22'-4", Width: 7'-9"
- ◆ SPT with automatic hammer
(140-lb & 300-lb)



CME-45B

- ◆ Rough terrain vehicle, 4X4
- ◆ Boring and sampling to 250'
- ◆ Height: Driving, 9'-5", Sampling
24'-3" (Mast up), 16'-0" (Mast down)
- ◆ Length: 24'-0", Width: 7'-9"
- ◆ SPT with 140-lb hammer

Sampling:

- ◆ 2" & 3" split spoon samplers
- ◆ 5' clear-walled continuous sampler
- ◆ 2" & 3" Undisturbed thin wall samplers
(Shelby tubes)
- ◆ Rock Cores (NQ)
- ◆ Standard Penetration Test (SPT)
- ◆ 12" pavement cutting bit
- ◆ Water quality samples
- ◆ 2-3/4", 3-3/4", & 6" I.D. hollow stem
- ◆ 4" O.D. flight augers



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