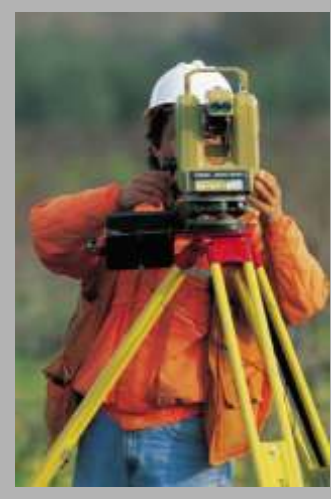


L.I. SMITH & ASSOCIATES, INC.



L.I. Smith & Associates, Inc. is a full-service, multi-disciplinary surveying and civil engineering company providing services to both the public and private sectors. With offices in Paris and Nashville, Tennessee, our staff includes over 30 professionals experienced in civil and environmental engineering, transportation engineering, and land surveying. Established in 1975, L.I. Smith & Associates, Inc. is a professional company that was converted to a corporation in 1996. Through the years, L.I. Smith has maintained a well-qualified staff of professional land surveyors, engineers, highly competent field personnel, and certified mapping technicians. Our dedication to quality work, attention to detail and personal service has enabled us to build a solid reputation with federal, state, county and municipal agencies, as well as industrial, commercial and private developers and property owners. L.I. Smith & Associates professional land surveyors are registered in eleven (11) states in the central and southeast region, and our professional engineers are licensed in seven (7). Our service area includes the states of Alabama, Arkansas, Florida, Georgia, Kentucky, Illinois, Louisiana, Mississippi, Missouri, South Carolina, and Tennessee.

Ms. Lucile D. Smith, President of L.I. Smith & Associates, Inc. has over 30 years of surveying and management experience. Ms. Smith was one of the first women to become a Registered Land Surveyor in the state of Tennessee. L.I. Smith & Associates, Inc. is designated as a **DBE** with many agencies, including the Departments of Transportation in Alabama, Kentucky, Mississippi, and Tennessee. L.I. Smith & Associates is also certified as a **HUBZone Small Business (HUBZSB)** by the U.S. Small Business Administration.

SERVICES

Engineering Services

- Commercial & Residential Land Development
- Photogrammetry
- Digital Mapping & Orthophotos
- Site Development Plans
- Site Proximity Mapping & GIS
- Phase I Environmental Site Assessments
- NPDES & ARAP Permitting
- Mine Reclamation Engineering
- Erosion Prevention & Sediment Control Plans
- Subdivision Layout & Site Grading
- Roadway Design

Storm Water Management

- Wetlands Delineation & Mitigation
- Storm Water Pollution Prevention Plans (SWPPP)
- Storm Water Management Plans
- Channel Hydraulics
- Detention / Retention Ponds
- FEMA Flood Studies
- Bridge & Culvert Hydraulics

Water & Sewer Systems

- Water Distribution Systems
- Sewer Collection Systems
- On-Site Treatment Systems
- S.T.E.P. Systems

Surveying Services

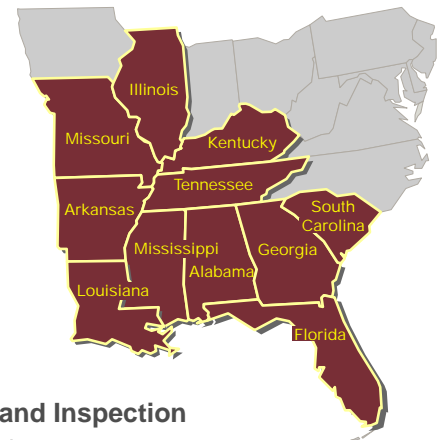
- GPS Survey
- Hydrographic Surveys
- Boundary Surveys
- Topographic Surveys
- ALTA / ACSM
- Construction Layout / Staking
- Floodplain Surveys

Construction Engineering and Inspection

- On-Site Construction Observation
- EPSC / BMP Inspection
- Review of Contract Documents and Construction Schedules
- Quality Assurance Inspections

GIS, GPS, and Mapping Services

- GIS Services
- Data Conversion
- Utility Mapping
- Aerial Photography
- Land Management
- Database Management



L.I. SMITH & ASSOCIATES, INC. • SURVEYORS & ENGINEERS

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ANNISTON: 4975 Baines Gap Road, Anniston, Alabama 36205 | Phone: 1.800.247.6847

ENGINEERING SERVICES



Since 1975, L.I. Smith has been providing engineering services throughout the Southeast region. With experience in civil and environmental engineering, L.I. Smith has accumulated an impressive performance record on a wide range of projects including roads and streets, drainage, sewerage, water supply and distribution systems, flood control, commercial and residential developments, and recreational facilities.

Depending on client requirements, L.I. Smith has performed environmental assessment studies, planning and site development design, and permitting and construction inspections. L.I. Smith brings to an engineering project broad capabilities, including aerial photography, surveying and GPS, GIS, photogrammetric and cadastral mapping. L.I. Smith's survey control and layout eliminate reliance on third parties, speed production, and strengthen quality control.

Stormwater Management

L.I. Smith utilizes best management practices for managing stormwater runoff after construction activities has ended and the project site has been permanently stabilized to protect and maintain existing waterways. L.I. Smith utilizes designs that will support the re-establishment of natural stream flow, dynamics, and environmental conditions. Our stormwater experts examine the existing topographic features for each project site including the types, depth, slope, locations and limitations of the soils, and the characteristics of the earth disturbance activity including past, present, and proposed land uses.

Erosion Prevention & Sediment Control

L.I. Smith's team of professionals are TDEC certified Erosion Control Specialists that focus on conserving, preserving and enhancing the natural resources of each project by controlling the adverse impacts and offsite degradation of soil erosion and sedimentation arising from land disturbing activities.

Roadway Design and Bridge Replacements

L.I. Smith provides surveying and engineering services, as well as material testing and inspection services for roadway design and bridge projects including box culvert replacements.

Water, Sewer, and Utilities

L.I. Smith's Water and Sewer Team Engineers have provided design and inspection of improvements, replacement, and expansions for multiple water distribution system projects as well as sewer collection projects. Our team also has extensive experience with on-site sewer treatment systems, including standard septic systems, low-pressure (LPP) sewers, STEP systems, and wetlands treatment.

Site Development

L.I. Smith has a history of successful land use planning. Currently L.I. Smith performs a growing number of commercial and residential site evaluations and prepares designs for entire subdivisions as well as individual establishments. We routinely undertake projects that involve wetlands, stormwater management, drainage, utilities, roadways, and erosion control. L.I. Smith assists in preparing site surveying, planning and engineering to obtain site development permits.



TRANSPORTATION SURVEYING SERVICES



L.I. Smith & Associates, Inc. Engineering and Surveying Teams provide solutions for transportation projects, construction activities, land surveying, and stormwater control. L.I. Smith & Associates, Inc. currently has (5) five registered surveyors, (8) eight survey party chiefs, and (3) three survey technicians. These (16) sixteen individuals make up a total of more than 250 years experience in the surveying industry.

The survey division at L.I. Smith & Associates, Inc. currently offers a full range of surveying and mapping services to public and private sector clients including: Boundary surveys, Topographic surveys, Plat surveys and mapping, Land Title surveys, Construction surveys, As-built/record surveys, Engineering design surveys, Roadway design surveys, Right-of-way surveying and mapping, Environmental surveys, Utilities mapping, Airport work, Global positioning systems (GPS), and Geographic information system mapping (GIS).

Construction Staking

L.I. Smith & Associates, Inc. has provided construction stakes, lines and grades for a very diverse range of construction projects. Our firm's personnel have considerable construction experience which enables them to communicate readily with contractors on each job site. LIS&A has extensive experience in the transportation industry providing construction staking on over \$1.32 billion in Highway projects, relating to over 546 miles of roads and bridges. The LIS&A survey team has experience with many different types of construction staking projects ranging from a single house for an individual homeowner to utility and building layouts for multi-unit residential or commercial developments. The LIS&A team offers staking of highways, streets, bridges, benchmarks, centerline, right-of-way lines, signage, slope stakes, subgrade blue-tops, pavement, curb line and grade, utilities, culverts, drainage structures, and much more.



CONSTRUCTION ENGINEERING and INSPECTION

L.I. Smith & Associates, Inc. provides construction engineering and inspection (CEI) services to insure clients that their projects are built in accordance with their plans and specifications. These services include the review of contract documents and construction schedules as well as performing quality assurance inspections.

LIS&A has a team of experienced inspectors, engineers, and program managers for roadway and bridge projects. These individuals are certified in the testing and inspection of concrete, aggregates, soil, asphalt, erosion control devices, and nuclear gauge. L.I. Smith & Associates engineers, surveyors, and inspectors complete regular safety training and are HAZWOPER certified.

LAND SURVEYING SERVICES



L.I. Smith & Associates survey professionals have years of experience in the surveying industry with a large portion of that experience from property boundary surveys. LIS&A has been using and incorporating GPS technology into boundary surveys since the 1980's, and was a leading advocate for utilizing the State Plane Coordinate System for boundary surveys for the State of Tennessee. Over the last five years alone, LIS&A has completed a total of over 1,200 boundary surveys including 150 boundary projects provided to the State of Tennessee. Throughout LIS&A's experience on survey projects, our registered surveyors and party chiefs have performed courthouse research for many of our projects throughout various counties throughout the region. With our long-standing presence in the southeast, our experience involves an extended area of coverage from county courthouses where our surveyors and party chiefs are familiar with title search processes, researching physical evidence and records.

GIS AND GPS SURVEYING



GIS / CAD Analyst and Developers

L.I. Smith & Associates, Inc. began acquiring experience in GPS surveying in the late 1980's, began working with GIS software in 2000, and quickly began combining the two technologies thereafter. We are currently using ArcGIS to manage multiple projects where survey data is overlaid with project specific geospatial data. We migrate GPS data as needed between a variety of database formats including GIS software formats, and CAD formats. L.I. Smith & Associates, Inc. has produced a multitude of project deliverable files which provide for each structure located, the unique ID, the X, Y, & Z coordinates, and any comments for that structure. We have provided deliverable files for clients in multiple formats such as ArcGIS shapefile/geodatabase format, Excel XLS, and numerous database formats.

HEALTH AND SAFETY



Safety First.

Due to the nature of our work, L.I. Smith & Associates, Inc. has been proactive in developing a Company Master Health and Safety Plan as well as project specific Health and Safety Plans for many projects. L.I. Smith & Associates, Inc. has on staff a qualified Health and Safety officer whose responsibility includes establishing procedures to protect the health and safety of LIS&A workers on each of our project sites. To accomplish this, LIS&A provides online, and well as in-house training for HAZWOPER safety training certification. All employees are required to complete 12 hours a year, with an additional 8 hours a year to maintain certification. LIS&A currently has 25 individuals within our Survey and GIS division that are HAZWOPER certified. Members of the LIS&A team have completed over 300,000 hours without incident. As a result of our performance record, the Tennessee Road Builders Association presented LIS&A a safety award for it's outstanding performance for the past five consecutive years from 2007 through 2011.

PHOTOGRAMMETRY



Aerial Photography

L.I. Smith & Associates Nashville Photogrammetry Division serves as a single source for Photogrammetric engineering, enabling the accurate and timely delivery of today's technology. L.I. Smith has successfully completed projects involving development of topographic / planimetric maps for GIS. Our team provides base mapping and digitizing using aerial photography, digital orthophotos and digital planimetric mapping and oversees all phases of production requiring aerial photography, ground control, aerial triangulation and stereo compilation.

Located in Nashville, LIS&A's Photogrammetry Division provides digital mapping services to a wide range of industries including engineers, surveyors, utility companies, pipeline companies, state highway departments, open-pit mining, land development, railroad companies, airports, and forestry.

MILITARY SERVICE

Because L.I. Smith & Associates, Inc. values our military personnel's service to our country, and the key skills and qualities they bring to our work force, including leadership, ethics, and integrity, military veterans make up approximately 35% of our work force.

Mr. Larry I. Smith, Vice President, himself a Vietnam veteran, an active major in the Tennessee State Guard, as well as a current member of both the Society of American Military Engineers, and the State Guard Association of the United States, understands the importance of leadership, personal devotion, and the sacrifices made by our military personnel and the value they bring to our team.

Veterans employed at L.I. Smith have served in the U.S. Army, Navy, Air Force, Marine Corp, and Army National Guard during the Vietnam War, the Cold War, the Gulf War and Operations Just Cause, Iraqi Freedom, and Enduring Freedom. The son of President Lucile Smith and Vice President Larry Smith has served in Iraq and is currently in Afghanistan as an active member of the Air Guard as an engineer.

L.I. Smith & Associates actively supports the men and women who currently defend our freedoms and is proud of the veterans who make up our team.

LARRY I. SMITH, PE, RLS

Vice President, Chief Operations Officer

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