



THOMPSON & LITTON
ENGINEERS ARCHITECTS SURVEYORS PLANNERS
Over fifty years of integrity, insight and innovation.
www.T-L.com

Established in 1956 by William A. Thompson, Jr. and John W. Litton

Serves five Mid-Atlantic States
Employs over 120 in six offices.

Staff includes architects, engineers, surveyors, land-use planners,
construction administrators, grant/financing specialists,
and other support personnel.

Professionals licensed in Virginia, Kentucky, Tennessee, West Virginia,
North Carolina, and beyond.

Full range of engineering, environmental, architectural, surveying,
construction administration, and planning services.

SWaM Certified Small Business
HUBZone Certified

Our goal for a better-built environment is central to our philosophy of:
Integrity. Insight. Innovation.
In Every Project. In Every Community.
In Everything We Do.

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Thompson & Litton supports nondiscrimination in all programs and activities in accordance with Title VI of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact our Human Resources division at (276) 328-2161. (TTY/TDD users, call 711).



THOMPSON & LITTON



Professional Surveying Services

GENERAL SURVEY

Thompson & Litton's Surveying Division provides clients with quality surveying services established from decades of surveying experience. T&L uses state-of-the-art surveying equipment and office software. Using our conventional surveying equipment and high accuracy GPS/RTK units we provide the client with resources to complete any project. Our survey crews provide surveying services for:

- Aerial Mapping
- ALTA standards surveys
- Communication facilities surveys (cell tower site surveys - 2C Certifications)
- Construction layout/staking
- DOT bridge/road surveys
- Elevation/Flood plan certifications (FEMA)
- Gas well location/layout
- High Order control establishment
- Land development/Subdivision projects
- Landfill projects(volumes-closures)
- Railroad projects
- Rural/Urban boundaries
- Title surveys
- Topographic surveys and Utility location



LEADING THE WAY

Thompson & Litton maintains a complement of state-of-the-art equipment necessary for surveying in the mountainous regions of Western Virginia. Our computers are Windows-based and are capable of handling the larger file sizes associated with larger projects. Both Microstation and Geopak and AutoCad with Land Development Desktop platforms are available for data manipulation and file transfer. Field equipment consists of the customary electronic survey instruments, data collectors, and six survey grade Leica GPS units and processing software. Support equipment such as 4-wheel drives and 4-wheelers are a necessity in mountainous terrain of our service areas and T&L is ready for any challenging conditions to get the job done!



FIBER OPTIC DESIGN/SURVEY

Thompson & Litton is one of Virginia's leaders in providing technological fiber optic engineering and design element services. This includes:

- *Review of geographic area to be served and of existing and planned outside plant infrastructure
- *Engineering and Design of Outside Plant Backbone Infrastructure

T&L surveying includes site surveys, route planning, right-of-way requirement, creation of GPS background maps, strand maps for aerial construction and conduit routes with commercial and industrial counts, access points, distances, cable lengths, conduit layout and address verification. Various agency permitting is also part of T&L's OSP fiber infrastructure installation design.

CELL TOWER SURVEY

Telecommunication Land surveying services provided by T&L include raw land tower site surveys, co-location tower site surveys, FAA 2C and IA Certifications, Boundary Surveys, site construction staking, lease area expansions, cell tower ALTA surveys, and title reviews.



T&L provides tower owners and telecommunication providers with tower structure inspection and tower assessment survey services. This includes the performance of tower inventories/mapping and physical tower structure inspections.

CONSTRUCTION SURVEY

T&L Land Surveying offers unmatched expertise in the construction layout service industry. Originating from our Clintwood and Radford offices, T&L offers site construction layout services for all projects, large or small. From small building footer placements to 80 million dollar road and bridge layout, T&L crews have the knowledge and expertise to make any construction project a success.

GAS/ENERGY SURVEY

Our Clintwood surveying team has worked with multiple energy companies in the mountainous region of Southwest Virginia performing hundreds of gas well and line site surveys in recent years. This includes gas well location/layout, base mapping, composite well maps, gas pipeline and power line surveys, and other related services.

