

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Geographic Information Systems, or GIS, is a comprehensive database which allows users to store, manipulate, analyze and display geographically referenced information.

ELA offers GIS as one of our core competencies, complementing our Engineers, Surveyors and Landscape Architects. Whether you are just starting out or adding to a comprehensive GIS database, ELA can guide you in the right direction. Our areas of expertise include:



GIS System Design, Implementation and Training

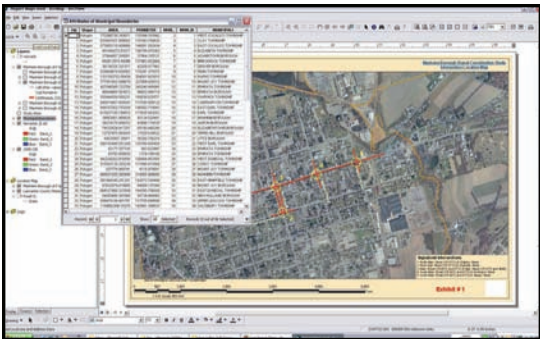
- Complete System Setup Customized to Clients Needs
- GPS Data Collection; Code-Phased or Carrier-Phased
- CADD/GIS Integration and Conversion
- Digital File Archiving using General Codes Laserfiche

Municipal GIS Systems

- Infrastructure Management
- Code Enforcement
- Public Works
- Zoning/Building Permit Management

Business GIS Systems

- Property and Asset Management
- Marketing Maps and Demographics

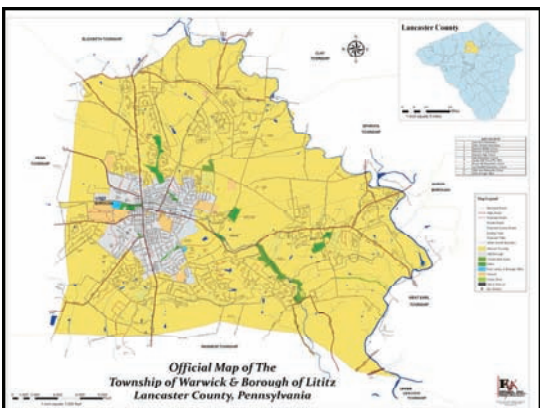


Water and Wastewater

- System Planning and Expansion
- PA Sewage Facilities Act 537 Plans
- On-Lot Disposal Systems Mapping

Stormwater Management

- NPDES Maps for MS4 Compliance
- Wellhead Protection/Groundwater Recharge Areas
- Floodplain Mapping
- Watershed Mapping, including Act 167 Plans



Traffic and Transportation

- Planning and Analysis
- Signage Inventory
- Maintenance Records

Land Planning

- Zoning and Land Use
- Comprehensive and Strategic Planning
- Official Maps
- Parks, Trails and Recreation
- Topographic, Geologic, Aerial and Soils Maps

Please contact us for a free demonstration and needs assessment.

Exploring Possibilities....

...Finding Solutions



Offices in Lititz & State College, Pennsylvania
717.626.7271 814.861.6328
www.elagroup.com