



## GIS SERVICES

### Overview

Westwood's GIS team has broad private- and public-sector experience. Whether analyzing a single parcel, county, or the entire nation, we provide practical analysis solutions at any scale. GIS-based siting studies guide development plans to maximize land-use planning and avoid constraints. At Westwood, GIS is so much more than a mapping tool. It forms the core of data gathering, management, and analysis.

### Strategic Analysis

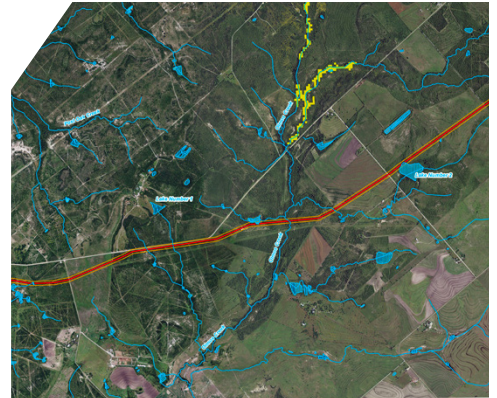
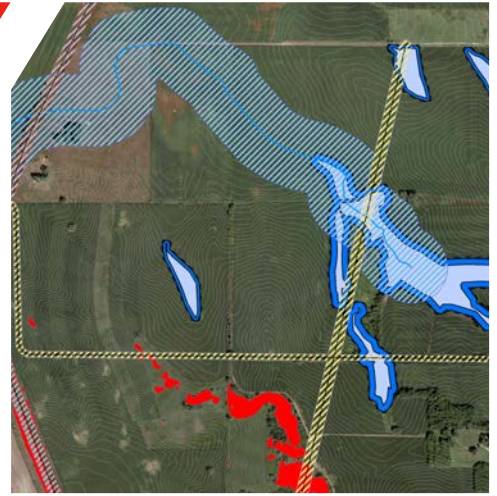
We analyze sites for factors that could make or break a project. The resulting data helps project teams evaluate wide-ranging factors. From early planning through post-construction monitoring, GIS tools integrate technical data that ensures clients' decisions are well founded. Coupled with Westwood's aerial mapping, survey, and CAD capabilities, GIS provides clients with comprehensive information for planning and managing projects.

## Competitive Team and Technologies

Our GIS team consists of more than 40 technicians, specialists, and programmers, whose knowledge facilitates our multi-disciplinary approach to projects. This experience helps identify critical project data and methods including survey data, photos and notes - while maintaining spatial integrity of each element. We are constantly upgrading, researching, and enhancing technologies to exceed our clients' expectations. Exploration of the spatial relationship of project data can lead to more innovative planning.

### Services

- Site Selection and Prioritization
- Project Constraint Analysis
- Setback Analysis
- Route Selection
- Existing Infrastructure Mapping
- Environmental Imagery Mapping
- High Resolution Imagery Integration
- Landowner/Parcel Mapping
- Geospatial Data Acquisition and Creation
- Cartographic Services
- Custom Exhibit Templates and Styles
- Graphic Support/Exhibit Creation
- 3D Visualization
- Mobile GIS/ArcGIS Collector
- Web Mapping/ArcGIS Online
- Asset Management
- LiDAR Integration
- Custom Application Development
- GPS Field Data Processing and Integration
- AutoCAD to GIS Conversion
- Custom Field Map Books
- Google Earth File Creation and Integration
- GIS Analysis Automation/Scripting
- Utility Crossing Matrix
- Existing Road Studies Mapping



### Our Firm

Westwood is an award-winning, multi-disciplined surveying and engineering firm providing services for land development, renewable energy generation, power delivery, and oil and gas projects. The firm was established in 1972 and serves clients across the nation from multiple U.S. offices.

Multi-Disciplined Surveying & Engineering  
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