

GIS Services

As a specialty to our Survey & Mapping Departments, TKW offers Geographic Information System (GIS) services.

A Geographic Information System (GIS), also known as a geographical information system or geospatial information system, is a system for capturing, storing, analyzing, managing and presenting data and associated attributes referenced to physical location or maps.

Data management is a fundamental component of any GIS system and the power of GIS is determined by its ability to relate data in a spatial context and to develop new information based on these relationships. A combination of two data types: spatial (location data) and attributes (descriptive data) are related and presented visually by means of an interactive user interface.

GIS analysis helps visualize, question, analyze, interpret, and understand data to reveal relationships, patterns, and trends. GIS data represents real objects such as roads, land use, elevation, trees, waterways, and infrastructure. Survey data can be directly entered into a GIS database from digital data collection systems. GIS is much more than maps. GIS can perform analytical functions and present the results visually as maps, tables, charts or graphs. This aids decision making to virtually see the issues before them and evaluation of competing alternatives. GIS can also be used to manage infrastructure serving as a visual database for asset management.

For addition information about our Survey & GIS Departments, please contact: inquiry@tkwonline.com

TKW GIS clients include:

- Architects
- Engineers
- Developers
- Local and Regional Governments
- Agencies
- Title Companies
- Mortgage Lenders
- Natural Resource Groups
- Public and Private Utilities

