

Tioga County Pennsylvania

Project Profile



Grand Canyon of Pennsylvania - Wellsboro, PA

Tioga County is located in north central Pennsylvania, where the region is lush with trees and the landscape is dissected hills and valleys. Wellsboro, the county seat, is a quaint town with a historical main street/downtown area. Keeping pace with their needs, the county assessment office has diligently developed and maintained a set of hard copy tax maps to support assessment operations. The county realized the need for GIS and implemented a simple conversion of their existing tax maps.

As needs and demands increased, GIS Coordinator Scott Zubek and Assistant Chief Assessor Joshua Zeyn, realized that the existing GIS would not hold up to their rigorous needs for accurate maps and reliable information, which would be needed to support the implementation of a new computerized mass appraisal system (CAMA) while supporting the demand placed on county resources because of the Marcellus Shale boom.



2570 Foxfield Rd, Suite 300 | 877.743.9355 | sidwellco.com



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Pilot Project

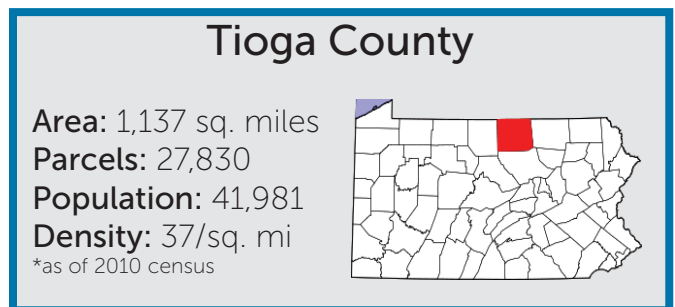
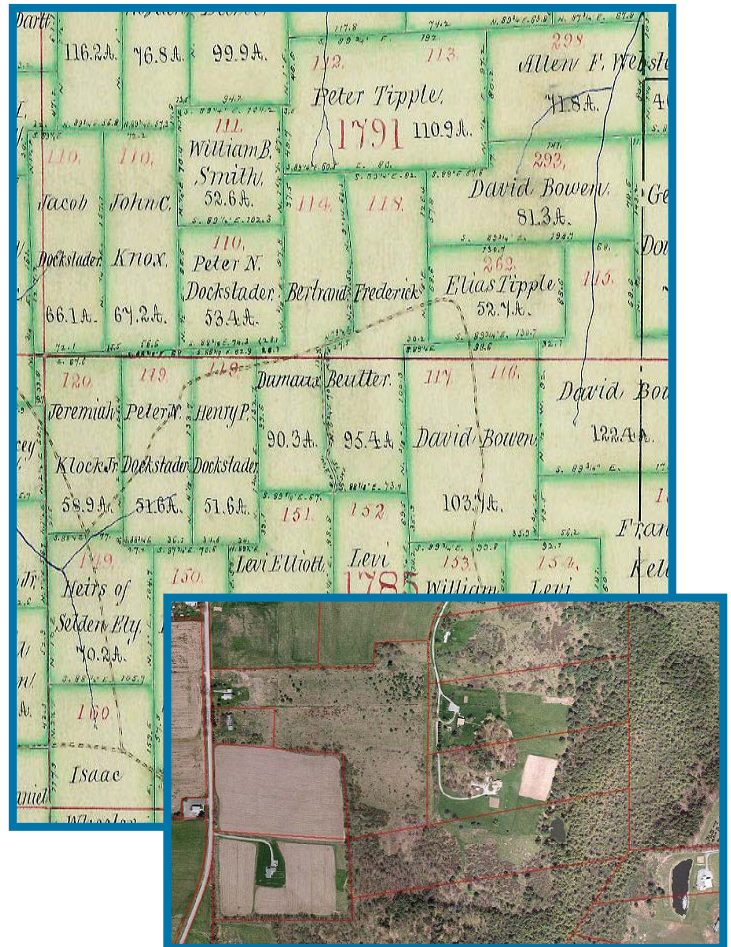
- Sidwell used original source documents and delivered the data in the latest version of the Esri Parcel Fabric.
- The county could **visualize** what their data could look like, specifically parcel data verified against the CAMA database.
- When completed, it was discovered that in certain instances houses/lots were associated to the wrong parcel and as a result, incorrectly up for delinquent sale.
- County officials realized that modernizing their operations would have a great impact on the community and decided to move forward with the entire countwide project.

Project and Product Details

- Sidwell captured over **60,000 documents** of maps, plats, and other legal documents that were used to construct the countywide parcel layer.
- *Through the documents, Sidwell positioned over 2,500 GPS control points in state plane coordinates. The information was helpful in tying establishing a framework for nearby parcels, and building the Parcel Fabric data model.*
- For all parcels, Sidwell placed an accuracy value based upon how that parcel was constructed. This will be used by the county for defending assessment values.

Impact

- The parcel fabric has been implemented with the county's LGIM and CAMA system.
- Streamlined efforts allow for dynamic joining of new parcel data and CAMA attributes. The county can take advantage of simple geoprocessing routines to keep this data current and be easier to publish across the jurisdiction.
- The county has complete faith that the data being consumed by its users is accurate and reliable.
- Because of the efforts to modernize the GIS, the county can now take full advantage of Esri's solution templates. Their [parcel tax viewer](#) utilizes the data from the LGIM.



With over 90 years of experience, Sidwell is an industry-leading geospatial solutions provider specializing in GIS products and services to meet the diverse needs of state and local government offices and private industries.

