

Invaluable GIS Street Centerlines

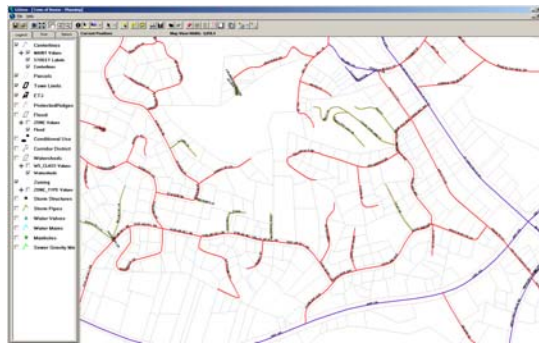
Watauga County/ Town of Boone,
North Carolina



In January 2000, GTG began working with Watauga County to generate a street centerline GIS dataset. Street centerline attributes were added to the centerline layer and the data was delivered to the County in March 2000.

GTG created a street centerline layer by utilizing the county's digital orthophotography, cadastral data, GPS technology, and field verification techniques. GTG checked the validity of both the street centerline dataset's positional accuracy and the accuracy of all required attributes. The centerline dataset was regularly updated quarterly to properly represent all road changes. The generation of a GIS street centerline dataset enabled Watauga County to manage its addressing, and road maintenance more effectively.

For the Town of Boone, GTG assessed the needs and feasibility of GIS. Implementation strategies were developed to improve their existing GIS efforts. Based on the research, a cost effective three-year implementation plan was developed, addressing all technical and personnel issues that were needed to facilitate a successful GIS.



The Town of Boone purchased copies of GTG's GISmo for the Planning and Inspections Departments, as well as the Public Utilities and Finance Department. The software has been such a success that there have been discussions of purchasing more copies of GISmo for other departments. "Everyone is really starting to use GISmo and getting comfortable with it," said Chris Miller, GIS Coordinator for the Town of Boone. "We are in the process of trying

to add some corridor districts and they used the buffer select tool to select parcels that would be affected, exported the records, and then created mailing labels. They loved it because they did not have to go to the courthouse and look up some 700 parcels and create the mailing labels from scratch. How much time did that save?"

The Town of Boone most recently used GISmo to correct a problem it was having with utility billing. GISmo was able to help sort and identify water meters so that customers could be billed accordingly, and it helped determine which meters were in the town limits. This rectified errors in the system.

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