

## Case Study:

GPS Data Collection Services: Digital Address  
Points and Street Centerline Project  
Burleigh County, North Dakota

Geographic  
Technologies  
Group

*Understanding  
Local Government*

# GPS Data Collection Services: Digital Address Points and Street Centerline Project

Burleigh County, North Dakota



The shadows of legendary explorers Lewis & Clark still loom large in Burleigh County, North Dakota, 200 years after they arrived there and set up winter camp.

And many things haven't changed in the past two centuries: Burleigh County still has some of the friendliest people and breathtaking scenery on the continent. Lewis and Clark would feel right at home there today, but they would no longer need their trusty compass to navigate.

Today Burleigh County is in the final stages of a GPS data collection project which will provide accurate, detailed address information to enable the County's public safety agencies to comply with the Enhanced 911 mandate.

"The City of Bismarck had excellent bases of GIS information, but the more rural areas of Burleigh County did not," said Michael Dannenfelzer, the County's Director of Communication Management. The County has 1,633 square miles of land and a population of about 70,000. It is North Dakota's fastest growing county.



"This will help us better identify the location of incidents called into 911 and show us more accurately where our public vehicles are located when an incident is in progress."

Burleigh County selected Geographic Technologies Group to do the data collection process after interviewing a half dozen firms.

"We were familiar with GTG because we already used some of their products and were satisfied with them. So far, we've been really happy with the results of the

project," Dannenfelzer said. "This will help us provide better police and fire protection than ever before, even for our citizens in the more remote areas."

He said the data collection took about five months to complete.

"This mandate has been the catalyst for us to gather the information, but there will be so many uses for it, in departments county-wide. We're really eager to get everything in so we can start using it. For us, improvement in an ongoing process."

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