



Midland Surveying Volunteers Services for Statewide Height Modernization

August 31, 2010



Midland Surveying, Inc volunteered its services in a statewide Height Modernization Survey of Missouri. The survey was part of “Governor’s, Legislators’ and Judges’ Day”, Aug. 19th and 21st, at the 2010 Missouri State Fair in Sedalia.

This special event took place in most Missouri counties and was performed by surveyors occupying benchmarks with their GPS receivers. Surveyors across Missouri started their GPS receivers at the same instant as a state official started a GPS receiver at the state Fairgrounds. Data was continuously collected for six hours. The purpose of this survey was to obtain more accurate vertical data for stream gauges and the Missouri Department of Transportation Real-Time Network (RTN) that was completed in the spring of 2010.

The RTN consists of a 78-station Global Navigation Satellite System (GNSS) and Continuously Operating Reference Stations (CORS).

This Real-Time Network operates 24 hours a day, 365 days a year to provide real-time or post-processed corrections to professionals requiring accurate GNSS positional data. The Missouri RTN CORS covers the entire state of Missouri, including the metropolitan areas of Saint Louis and Kansas City by reaching into Illinois and Kansas.