



Bridges Chooses Topcon GTS-823A for Fast Layout

Company: Bridges Land Surveying Services, LLC
Location: Blue Springs, Missouri

Project: The Oaks of Edgewood/B&G Development
Location: Oak Grove, Missouri
Scope: 600+ acre residential subdivision
Phase 4:
2.7 miles roads
2 lakes
8,000 lf sanitary sewer, 49 manholes, services
75 storm drainage structures

Topcon Products:
HiPer GD GPS Survey System
GTS-823A Robotic Total Station w/RC-2II
GTS-313 Total Station



Jeremy Powell

Bridges Land Surveying Services is an established surveying firm located in Blue Springs, Missouri. The company offers a full range of surveying services for commercial and residential developments, as well as municipal infrastructure projects. The Oaks of Edgewood subdivision is one of Bridges current construction staking projects.

Jeremy Powell, project manager, described how GPS sped up layout tasks: "The Topcon HiPer allowed us to set the site control quickly, with very high accuracy. We also used it for the grade staking of the streets and lakes, as well as all storm and sanitary structures. I was able to do most of this staking by myself, staying days ahead of the grading and piping crews. The time saved staking with the HiPer vs. traditional methods was tremendous."



When it came time for curb staking, the company contacted the local Topcon dealer to buy the firm's first GTS-823A Robotic Total Station, with the RC-2II remote controller and radios.

Powell said, "With the GTS-823A we were able to run two crews with only three crew members. The three of us staked the street in record time with our Topcon equipment. The project was completed with no delays and no machinery had to wait on the surveyor."

Topcon Dealer:
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