



Topcon HiPer XT Solves Antenna Dilemma

Company: McGowan-Stauffer, Inc.
Location: Carnegie, Pennsylvania

Project: Belleview Commons
Location: Belleview, Pennsylvania

Scope of Work:

- 9 acre site prep for townhomes
- 46,000 cy cut / fill excavation
- 12,000 cy excess cut /
- 22 building pads at different elevations

Topcon Products:

- HiPer XT base / rover
- HiPer+ base antenna and radio
- HiPer+ rover
- System Five 3D-GPS+ automatic / Cat D6M

Summary:

McGowan-Stauffer, Inc. started out with a **Topcon PG-A1 base antenna and UHF radio** as their **GPS+** base, using a **HiPer+ rover**. This spring, they purchased **Topcon's System Five 3D-GPS+** automatic machine control for their **Cat D6M dozer**. **Jim McGowan** travels from project to project with the rover, staking grades, road alignments, and utilities for their non-GPS equipment. With numerous jobs in progress, **MSI** needed another base antenna.

Keith Klingensmith, Productivity Products and Service's 3D-GPS+ specialist, showed **Topcon's HiPer XT** to **MSI**. These integrated GPS receivers offer many advantages:

- Each unit can be configured as a base or rover from a field computer like the **FC-100**.
- Cable-free operation
- 2-watt UHF transmit & receive system
- Built-in cellular modem
- GPS+ (GPS + GLONASS) satellite positioning technology

Here's what **Jim McGowan** had to say about the **HiPer XT**:
"I think it's great. I can set it up in about a minute. I travel from job to job. We keep our other base with our dozer and I take the HiPer XT with me."

"I can come to a site and go right to work - it's very portable. It's easy to setup wirelessly using Bluetooth on our FC-100. It has the same range as our other antenna on low power."



Jim McGowan
Field Engineer



Dave Krautz, PP&S 3D-GPS+ specialist, checks in with McGowan



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