



Topcon 3D-GPS+ Accuracy Impresses MNDOT

Company: Mathiowetz Construction, Inc.

Location: Sleepy Eye, Minnesota

- Profile:**
- 80 year-old heavy civil and highway contractor
 - Family owned and operated
 - 230 employees

Project: Highway 41

Location: Janesville, Minnesota

Scope: Embankment 3,500,000 cy

Muck excavation 500,000 cy

Granular import 400,000 cy

Aggregates 430,000 ton

Concrete pavement 441,000 sy

Bituminous Asphalt 63,000 ton

Bridges 3 ea

Storm pipe / culverts 383,000 lf

Topcon Products:

System Five 3D-GPS+ automatic/Cat 163H

System Five 3D-GPS+ automatic/Cat 14H

HiPer+ GPS base / rover



“We began to use **Topcon’s System Five 3DGPS+** machine control to shape the road, not knowing how it would work To check our grades, **MNDOT came and put their blue tops in, like they always do. They matched up so nicely that they’re impressed.** Their bluetops and our grades were right on. So now they’re reducing the number of bluetops they put in for quality control. **And we’re feeling good about what the grade control is giving us.”**

Brian Mathiowetz - President



“It’s pretty nice. It eliminates a lot of scraper work. It keeps a consistent, smooth grade. **Learning the system was easier than I thought it was going to be.”** **Gordy Bushard – Motor grader operator**

Topcon Dealer:

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