



## New Berlin Grading exceeds expectations with Topcon 3D-GPS+

**Company:** New Berlin Grading  
**Location:** Waukesha, Wisconsin

**Project:** New Cabela's Retail Store  
**Location:** Richfield, Wisconsin  
**Scope:** 60-acre site prep  
Building pad, parking lots, and access roads

**Topcon Products:**

Legacy E Base  
3D-GPS+ automatic/Cat D6N  
3D-GPS+ indicate/Cat D6R  
HiPer Lite+ base/rover

New Berlin Grading set a goal to move 200,000 cubic yards of dirt in 10 days, working two 11-hour shifts per day. Using Topcon's GPS+ systems on two dozers to guide scrapers and spread fill, they exceeded their expectations—225,000 cubic yards in six days!

To ensure that there are no surprises in estimating, New Berlin Grading uses Topcon's HiPer Lite+ GPS+ system to topo sites and compare them to the engineer's designs prior to bid. This information allows the company to develop accurate job breakdowns and carefully plan earth-moving operations.

"We wanted to do something special with this job," Dennis Schmit, vice president, said. "Our goal is to push ourselves to the next level. We wanted to exceed our own expectations and do something great," he said. "To accomplish this, we needed to orchestrate the safe and efficient operation of 22 machines working in less than 12 acres at the same time." Topcon's GPS+ system provided essential information and accurate grade control to meet this objective.

Schmit said, "We like the uninterrupted signal, the easy integration with our estimating, and the user-friendly commands," he said. He also appreciates the continuity between survey data and automatic/indicate machine control systems. "Topcon allows us all to be on the same page and know exactly where we are at and where we are going."



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