



GPS+ Controls 14.5 Million Cubic Yard Cut and Fill



"With GPS+ we can shoot the whole site in no time...it's definitely the way to go."

Bryan Alsberg
Survey Manager
5R Construction - APAC
Atlanta, GA

TOPCON

5758 W. Las Positas Blvd.
Pleasanton, CA 94588
925-460-1300
www.topcon.com

If you would like to be featured in the next TAW, visit us at www.topconatwork.com for details.

With only a crew of three, Bryan Alsberg has the daunting task of keeping check on the cutting and filling of over 14 million cubic yards of material. Material that is being delivered at a rate of 1 cubic yard per second, 16 hours a day, 7 days a week, by a 4.5-mile long conveyor system directly into the mammoth CAT777 dumps.

How's he doing? "We're ahead of schedule and should finish this phase early," Alsberg beamed.

The Atlanta-Hartsfield Airport fifth runway project kicked off fourteen months earlier and Alsberg knew with the size of his crew that traditional optical measuring couldn't keep up. The conveyor system accesses four quarry sites that Alsberg must track to determine material costs. He also provides fill progress data on the 9,000 foot long runway.

"One of our partner companies had been using Topcon GPS machine control systems and were bringing them to 5R. Roper Laser Company set us up with rover systems so we could all use the same bases...we have two on the project...and it's been just what we needed. When you're needing to work virtually around the clock, access to the extra GLONASS satellites has really been helpful at times," Alsberg said. "It's an awesome project, one I'm real proud to have a part in."

Topcon Distributor: Roper Laser Company, Marietta, GA