



## Slurry Pavers gains ground with Topcon's Millimeter GPS+



Larry Roberts . . . on the job.

**L**arry Roberts, General Manager of Slurry Pavers' Soil Stabilization Division, was familiar with machine control but not very impressed with the results he was getting from the competitions 2D system he was using. When Larry learned about Millimeter GPS+ from Atlantic Laser Supply he knew immediately that it was the solution he was looking for. Topcon's 3D-MC gave him the ability to use existing surface models created by his customer or produce his own as-built models from stakes and offsets given to him.

"It is great to be able to make my own model on anybody's job and be able to start grading within two hours." Roberts found that using the Topcon 3D system simplified his setup compared to using conventional string line. Rather than setting up string line along the length of the job, Slurry Pavers now starts the job by

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**Company:** Slurry Pavers, Inc.

**Location:** Richmond, VA

**Project:** APM Terminal

**Location:** Portsmouth, VA

**Scope:** 41,500 yd<sup>2</sup>

**Topcon Products:**

Legacy base station

Hi Per+ rover with PZS-1

FC-100 field controller with Pocket 3D

PZL-1 LazerZone laser

Office 3D software

3D-mmGPS+ automatic / Volvo G720B

3D-mmGPS+ automatic / Cat 12H

**Topcon Dealer:**

Atlantic Laser Supply

# AT WORK

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"Allows 5,000 square yards production on complex road jobs with multiple breaks, jobs that were extremely complicated fall into place by creating our own model." - Larry Roberts

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taking topographic shots at the station hubs and building a surface model from them using Topcon Pocket 3D. This surface file is then loaded into the control box on the grader and ready to start fine grading. This procedure has allowed for increases in production of up to fifty percent per day.

On a job in North Carolina involving multiple grade breaks and access ramps they were able to easily fine grade up to five thousand square yards a day. On another job in Dumfries, VA, they fine-graded seven thousand yards in one day.



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## Topcon's Millimeter GPS™

**World's first millimeter-accurate  
GPS system - up to 300% more  
accurate than standard GPS!**

Combine LazerZone™ with GPS+ to achieve millimeter accuracy. LazerZone™ transmitter provides wide vertical measurement area - 600m/2,000 ft diameter, 10m/33 ft. height.

Simply set up your Topcon RTK GPS+ system as usual, add a wireless PZS-1 sensor to your mobile rover, and set up the PZL-1 transmitter to get instant millimeter accurate elevations anywhere in the LazerZone™!

