



# GeoData Corp

## DIGITAL MAPPING SERVICES

# Review



Spring - 2002

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## LETTER FROM THE GeoData PRESIDENT

2001 proved to be a rough year World-wide. While most were able to land on their feet, many were not so lucky. Our hearts and prayers pour out to the thousands of people who lost so much.

As with many of America's small (and large) businesses, there has been a long, slow slump in the economy.

Work for so many was at a virtual stand still. The lull is in part due to fear. That fear will not however, stop the wheels of progress in our Great Nation.

The mapping, surveying, planning, engineering and environmental fields are picking up steam. Things will slowly start getting better for people, even if the world may be a

different place, it will be what we all make of it together.

GeoData was blessed and we managed to keep going. I feel confident that 2002 will improve for all of us.

GeoData would like to extend Best Wishes to all and may God Bless America!

### UNITED WE STAND!



## THE TIME TO FLY IS NOW!

Well this is not the type of Airplane we fly for your Aerial Photography, but the best flying is usually done by the end of March. Old Mother Nature is going to be opening up spring in it's full glory very soon. Even if you may not need your project right away it will help to have the photography flown as soon as possible.

## WHAT HAVE "BREAKLINES" DONE FOR ME LATELY?

The discussion concerning the necessity of breaklines in Digital Terrain Models has been ongoing for years in the photogrammetric field and now with the use of LIDAR to create digital orthos, the conversation has sparked again. In the images below there is a clear example of what breaklines, or more importantly the absence of breaklines can do to you ortho. For example, as illustrated in the image to the left, without breaklines to enhance your mass points, the bridge image is draped down to the water surface. However in the right image with breaklines, the true position of the bridge is more closely represented. (Note: The bridge is truly curved.)



NC state tree- DOGWOOD



Rectified **WITHOUT** breaklines



Rectified **WITH** breaklines

# GeoData Corp. NEWS

LET'S SEE WHO WON THE PRIZES AT THE 2002 NCSS CONFERENCE



**CONGRATULATIONS:**

**DON WILSON**

*Surveying & Mapping  
Bushnell Binoculars*

**CHRIS WENTLAND PLS**

*Surveying & Planning  
BUCK Knife*

**DEAN E. HILL, PLS**

*Anderson & Associates  
SHEFFIELD Multi-Tool*

*Thanks for stopping*

The year 2002 has started slow but steady. James M. Salmons became past president of the NCASPRS. This should give James plenty of time to teach his 15 year old son Kyle how to drive. A stick shift no less. Good Luck James!

Tim Merrill, Production Manager, became the current Vice President of the NCASPRS Potomac Region. Tim also taught a basic Photogrammetric and LIDAR class for the South Carolina Society of Surveyors. Great job Tim! Jeff Foutch, our Chief

Stereo Compiler, his wife Chris and son Ivan were finally able to move into their new home. We would also like to extend congratulations for the Foutch's while they await the birth of their second child!

Shawn Bradshaw, our Systems Manager, spent some time with his Dad, Fred, Deer hunting! They shared some of the venison with GeoData but they also donated a deer to charity. Shawn hosted the GeoData Corp. booth at the 2002 NCSS Conference in RTP. In addition to

managing the booth he also made the graphics for it. Thank you for your hard work Shawn.

Randy Moss has been mastering his skills on the Summit soft-copy with the talents and experience from Tim Merrill.

Special thanks to the rest of GeoData's team for all of their hard work and not giving up when times got tough.

**NEWS FLASH...** We just found out the Bradshaw family is also expecting their second child. Congratulations!!




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