“Every man is a debtor to his profession.”

Get your kicks at the 66th Annual Convention

THE VIRGINIA ASSOCIATION OF SURVEYORS

66th Annual Convention

Wyndham Virginia Crossings Hotel & Conference Center
Glen Allen, VA    January 23-25, 2014
This is my last article as President in 2013 and I'd like to thank all of the Chapters that have arranged our Board meetings for the year. Each place and event has been well attended and the accommodations have been great. I have attended several Chapter meetings over the course of the year and recently went to the Rappahannock Chapter crab feast and golf outing held at Curtis Park in Fredericksburg, Virginia. I have truly enjoyed my year as President and especially look forward to seeing everyone at the remaining meetings.

The Fall Board meeting was held in Waynesboro and we had a full agenda. We had a guest speaker, Mr. George Wigfield, speak about the NCEE new model law on a four-year college degree. Mr. Wigfield currently chairs the committee on higher education for the Maryland Society of Surveyors and is a past President. Mr. Wigfield shared his experience on this subject in Maryland, Delaware, and New Jersey and provided us with plenty of reading material on the subject.

We also discussed the upcoming elections and our position on political contributions. As many of you know, we had a few key Delegates support our position on the County GIS property line issue. Since elections are right around the corner, there have been recommendations to support those that supported the VAS. I believe we are going to continue to see issues arise that are in direct conflict with what we as surveyors do. Therefore, it will become increasingly important to get the ear of those in positions that can help our cause.

We also voted on the upcoming officers for 2014. I’m happy to report we had a full slate of officers but it seems to be getting more difficult to find volunteers for committee positions as well as officer positions. We, as leaders in the VAS, need to continue to do our best to get the younger members and non-active members to participate.

As always, if you have any questions, suggestions, or comments I’d love to hear them and I look forward to the remainder of the year.

— Bruce Frederick, LS
VAS President
The Future of the Surveyor in the Commonwealth of Virginia
Paul deC. Holt, Jr., LS

The surveying community in the Commonwealth of Virginia is living day to day working the best they can balancing marketing, work, family, and social responsibilities. They are asking themselves “Why is my profession not as prosperous as Engineers, Doctors, Lawyers or Architects.”

In order to answer this question, one needs to look back at the history of Virginia land surveyors in the middle of the 20th century. The county surveyor in each county held more clout with politicians, county officials, and landowners than most anyone in the Commonwealth of Virginia. Why aren’t modern land surveyors held in the same esteem?

The modern Land Surveyor in the Commonwealth of Virginia must be on the cutting edge of at least five areas of expertise. They are: Professional Image, Relationship with Politicians and Government Officials, supporting the Virginia Association of Surveyors, Protection of Fees, and Developing Loyalty with Clients. Let’s look at each of these five areas in more detail.

Professional Image

Appearance has a lot to do with initial image that one has with a colleague or a client. As the saying goes “image is everything!” That goes for the field staff and vehicles that a licensed land surveyor owns and directs. When was the last time you saw a lawyer or doctor in a work environment wearing blue jeans and a tee shirt? The appropriate dress makes an important first impression on the general public and clients. If they are impressed, you have a better chance to earn a repeat client and the potential of additional clients!

Relationships with Politicians and Municipal Officials

The county surveyor had the respect of the working licensed surveyors, politicians, county officials, and landowners of his time and he was able to mold the image and respectability of the surveying community. This was done on a daily basis in simpler times. Our practice today is based on crisis management. Our practice act is in jeopardy because of various state agencies taking their own spin on our rules and regulations. We as surveyors do not complain to our General Assembly members that this confusion between administrative rules and codes exists. Each and every surveyor in the commonwealth needs to be proactive, to make sure that this does not continue to happen. The only way we can do this is to be more involved with our elected representative or senator and talk to them on a regular basis. The same goes for state and municipal review officials. If you have ever been turned down when you submitted a plan for review because of your license as an LS, not a PE, then get the local VAS chapter involved, go down in mass, and make the point that the rules and regulations that you work under with the Board for APELSCIDLA allows you to do the work. This is not an easy task, but you, as an LS, can make change that will allow you to grow your business and earn respect with the community.

Protection of Fees

We charge our clients for professional services. We all need to keep in mind the years of experience we have endured just to be able to sit for licensure. Do we charge fees that reflect our worth? Licensed land surveyors working for architects and engineers fees are usually cut first or they decide to use canned mapping to save money (remember the GIS community!). Land surveyors’ products protect the general public and are the basis for a good product for the design community and that is the foundation for the plans used to build our infrastructure, buildings, highways, and homes. What goes first. We cannot let that continue to happen. Overhead and profit are important, but being in competition with ourselves does us more harm than good.

Developing Loyalty with Clients

These days, clients have little loyalty with surveyors. The almighty dollar rules. We need to change that. By giving the client a fair fee and the best product we can provide, we can accomplish this goal. Communication is a big part of
I used to joke with my wife that when I died, I wanted a geodetic marker set at my grave so that I could continue to be of service to my profession. I reasoned that my friends would come to visit me and it had the added benefit that I could keep an eye on projects in my neighborhood. I went so far as to pick out a plot in the Egg Harbor City Cemetery. It was on top of a hill along a county road with long sights in both directions. My wife was not amused however, when I suggested that she needed to be buried on the far side of the cemetery to provide the location for the azimuth mark. But whose wife ever laughs at their husband’s jokes?

When I recently said goodbye to a friend and colleague who passed away, my old joke came to mind. Walter White was a local surveyor from Pennsylvania who had worked his entire career in the Delaware Valley. While planning his memorial service his family and friends were looking for a way to honor and remember him, and I suggested we get him a National Society of Professional Surveyors “Final Point.”

The “Final Point” program is run by the NSPS in concert with Berntsen International to remember land surveyors who have passed. For a small donation, you or the family can receive a 4” bronze disc engraved with the surveyor’s name, license number, and the latitude and longitude of the final resting place of the surveyor. The disc is available either highly polished or with a brushed finish, and can come with a stem for mounting in a monument or without a stem for placing on a presentation plaque. The monies raised through this program are used for scholarships for surveying students.

My penchant for carrying a good thing too far was satisfied by combining the NSPS Final Point program with the National Geodetic Survey’s OPUS DB program. If you haven’t met OPUS DB yet, you are in for a real treat. Those of you who have performed static GPS surveys will love this and those of you who never did, will get a taste of the good old days! OPUS DB is a program where local surveyors can help to improve the National Spatial Reference Network, resurvey old marks, or set new geodetic control wherever you need it.

If you plan to go this far, you will need a GPS receiver capable of logging raw GPS data. You will also need to document your observation with photographs, instrument serial numbers, and other pertinent information for submittal to the NGS. Oh yeah, you will also need to set aside four hours of your day to make an OPUS DB observation.

Completing the process takes a bit of time and planning. The disc from the NSPS has to be special ordered. If you are planning to install it as a mark, you need to order the disc with a point in the center of the mark to survey to. Then gather your materials such as a sonotube, rebar, and concrete. Next, collect your team and install the monument. Finally, once the concrete has set, you need to occupy the point.

Friends of Walter gather and begin the process of setting the mark.
Setting the mark.
David Latinski of Coatesville, Pennsylvania remembering his best friend and colleague.
Awaiting the cure.
Solutions to Help You Succeed

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Geomatics Representative
grant.stickler@duncan-parnell.com
434-962-3909
**In Memoriam**

**Thomas Edward Stallman** – Tom passed away on August 1, 2013 from an automobile accident in Gloucester, Virginia. He was a member of the Virginia Association of Surveyors and the Peninsula Chapter. In lieu of flowers, friends and family are asked to make contributions to the Abingdon Volunteer Fire & Rescue or Apostles Lutheran Church, 7092 Main Street, Gloucester, Virginia.

**Joshua Emerich Wolford** – Joshua passed away on August 22, 2013 as a result of an automobile accident in Frederick County, Virginia. Josh was approved as a student member with VAS shortly before his accident. His father, Scott J. Wolford is a current VAS member. Memorial contributions may be made to the Virginia Association of Surveyors Education Trust Scholarship Program, 8752 Landmark Road, Richmond, VA 23228.

**Joseph Monaco** – Joe passed away on October 15, 2013 from injuries after an accidental fall. He was a surveyor for many years in Northern Virginia. He was a member of VAS and also the Mount Vernon Chapter.

“Tom, Josh and Joe will be missed greatly by their fellow surveyors, families and friends.”

Future continued from page 3

making the most of an existing contract or developing a relationship with a new client. Talk to them each day or week, go out of your way to give them what they need when they need it at no additional cost unless the scope changes. You will then have repeat business.

I would like to thank Mr. Waid Kidd, Jr., LS and Mr. Bruce Frederick, LS for their comments and edits on this article.
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VAS Slate of Officers for 2014

President
John Sehl

John is the President of Allison, Baird & Sehl, P.C. in Montross, Virginia. He started surveying in Minnesota in 1979 and has been surveying in Virginia since 1983. He was licensed in 1993 and became a member of the Rappahannock Chapter in 1995 and has held all offices in that chapter. John has also served a two-year term as Region II Director, served on the VAS Budget and Awards Committees, Secretary/Treasurer, Second Vice President, and currently the First Vice President. Born in Minnesota, John is one of fourteen children growing up on the family farm. He moved to Virginia in the early 80s to try and find work during that recession. John and his wife Donna have four children and currently reside in Fredericksburg, Virginia.

First Vice President
David R. Gardy

Dave has over 26 years of diversified professional and technical experience in the fields of land surveying and consulting engineering. A graduate of Virginia Tech, Gardy became registered as a Professional Land Surveyor in 1987 and has been involved in the principal management of diverse surveying programs since that time. He has been a member of the Virginia Association of Surveyors since 1990 and has served the Association at the state and local level. He has served the Central Chapter board serving in all officer positions, served the state association in the capacity of Membership Committee Chairman and Secretary/Treasurer. He is currently the VAS Second Vice President. During his career, Gardy has served as principal manager on major projects for both the public and private sector as well as managing smaller projects, all the way down to single lot subdivisions. Mr. Gardy founded Gardy and Associates, Surveying and Mapping Services in 2009 and currently serves as President. Dave and his wife Marcia live in New Kent County, and along with their daughter, Katie, enjoy their life out in the country.

Second Vice President
Michael Starling

Michael Starling is the owner of Shoreline Surveyors, located in Accomac, Virginia. Michael began surveying in 1988. He received his license in 2002 and started Shoreline Surveyors in 2005. Michael has been a member of Virginia Association of Surveyors since 2003, serving on the Tidewater Chapter Board since 2005. Michael currently serves as the Chapter’s Past President. Michael has served as the Chapter’s TrigStar Chairman since 2005 and currently serves on the VAS Budget, Awards & TrigStar Committees as well as VAS Secretary/Treasurer. Michael has been married to his wife, Beth, for 18 years and they have on daughter, Valerie (11). The Starling family resides in Onancock, Virginia. In his spare time, Michael enjoys assisting the Eastern Shore’s ESO Arts Center where his daughter takes classes with ballet productions, both backstage and onstage.

Secretary/Treasurer
Ed Dodd

Ed Dodd has worked over 28 years in the field of Land Surveying in the Northern Virginia Region and became Licensed in 2000. He has an AAS degree in Civil Engineering from NVCC and has attended Old Dominion University studying Boundary Law, Building Construction and Environmental Science. Currently Ed is pursuing his Bachelor’s degree with the Volgenau School of Engineering at George Mason University. During his career, Ed has received accolades for his outstanding performance and efficiency in the production and management
of multiple, concurrent commercial and residential projects. Ed has been a member of the Virginia Association of Land Surveyors since 2002 and has served as President of the Bull Run Chapter and on the Board of Directors as Region I Director. This year Ed celebrates his 11-year anniversary as President and Owner of Dodd & Associates in Warrenton, Virginia. He resides in Culpeper, Virginia with his wife Tracy and three children. Ed enjoys playing golf and leading the praise and worship team at his church.

Region IV Director
Kenneth “Ken” Carlton

Kenneth “Ken” Carlton is an engineer with VDOT in Lynchburg and currently works with land development and permitted projects along road right of way maintained by VDOT. He has been a licensed land surveyor in Virginia since 1986 and a professional engineer since 1994. He is a 1979 civil engineering graduate of Virginia Tech with an emphasis on land surveying. He is also a 1974 graduate of VCU with a degree in business administration. Up until 2003, he has worked with various engineering/surveying consulting firms before coming to VDOT. Since becoming a VAS member in 1986, he has held various offices within the VAS Southern Chapter and is currently the outgoing Chapter President. Having grown up in Richmond, he then lived in Roanoke. Since 1993 he has resided in Lynchburg and been “spoiled” living in such beautiful and historical parts of the Commonwealth. He is currently married to his wife of 32 years, Melody Carlton, and they have two grown children.

Region I Director
(Fulfilling last year of two-year directorship for Ed Dodd)
Chris Jensen

Chris Jensen is the Deputy County Surveyor for Fairfax County. After his honorable discharge from the U.S. Navy in 1989, he moved to Springfield, Virginia where he started his surveying career. He is a graduate of the Fairfax County Surveying Apprenticeship Program. He is currently the Past President of the Mr. Vernon Chapter and has held all offices in that chapter. Chris and his wife Babette have two children and currently reside in Springfield. In his spare time he enjoys playing golf and softball.

Region II Director
Eric Sullivan

Eric is the President of Sullivan, Donahoe, and Ingalls, Inc. (SDI) in Fredericksburg, Virginia. Eric began his surveying career by working on SDI field crews during summer and holiday breaks in high school and college. After graduating from Virginia Tech in 1993 with a Bachelor of Arts degree in Urban Affairs and Planning, he joined SDI full-time. Eric became partner in 1998, received his license in 2001, and became president in 2007. He is an active member of the Rappahannock Chapter and has held all chapter offices. Eric serves on the Board of Directors for the Fredericksburg Rod and Gun Club and is a member of the Fredericksburg Rotary Club. He and his wife, Angie, reside in Fredericksburg with their son Matthew and daughter Katherine.

NSPS Governor
David Holland

David L. Holland, LS is the County Surveyor for Henrico County, Virginia and a licensed surveyor in the Commonwealth of Virginia. He holds a degree in Journalism from the University of Memphis and a degree in Surveying and Mapping from the Denver Institute of Technology. David is a Past President of the Virginia Association of Surveyors. He is also a member of the advisory board and an adjunct faculty member for the School of Engineering and Technology at J. Sargeant Reynolds Community College in Richmond. David and his wife, Shelby, live in western Henrico County outside of Richmond.
**Annual Plat Contest**

The Annual Plat Contest will be held during the 66th Annual Convention and Meeting, January 23-25, 2014. The categories are the same as the 2014 NSPS Map Plat Design Competition.

Entries may be machine or hand-drafted and have a maximum plat size of 34” x 44”. While each submission must be a single sheet drawing, the drawing may be part of a set. Maps or plats completed after June 30, 2012 are eligible for entry. All entries will be judged on adherence to the minimum standards as set forth by NSPS and VAS. The judges will consider interpretability, content and layout of data shown, presentation, innovation, applicability to typical client or persons using this type of plat, and correctness. Neatness and accuracy of scale will also be considered. All plats must be signed and sealed with a label stating ‘FOR PLAT CONTEST USE ONLY’. Each plat must also be labeled with the name of the category in which it is being submitted. Contest winners will be announced at the Awards Dinner on January 24.

**Plat Categories:**

- **Subdivision Plats**
- **Topographical Maps**
- **ALTA/ACSM Survey Maps**
- **Miscellaneous Maps**
- **Boundary/Cadastral Maps**

The first and second place winners in each category can also be entered in the 2014 NSPS Map/Plat Design Competition. First and Second place plaques will be awarded for each category. Mail your entries to: Judy Hite, 8752 Landmark Road, Richmond, VA 23228.

Your entries for each firm or branch office must be received along with the entry fee of $40.00 (for one to six plats) by **January 13, 2014**. Please make checks payable to the Virginia Association of Surveyors, Inc.

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**Guest Program**

On Thursday you will leave the hotel around 1:00 p.m. for AMF Hanover Lanes, 7317 Bell Creek Road, Mechanicsville, for a round of bowling. After bowling, it is on to the Center of the Universe Brewery, 11293 Air Park Road, Ashland, for a beer tasting starting at 4:00 p.m.

On Friday, you will leave the hotel at 9:30 a.m. to visit the Virginia Historical Society-Virginia House located at 428 North Boulevard in Richmond. If you would like to check it out ahead of time, go to www.vahistorical.org. After the tour, you will be going to Shockhoe Bottom for lunch. After lunch, you will board the Richmond Trolley for a tour of downtown returning back at the Wyndham around 3:00 p.m.

You can attend both days of fun or only one day if you wish.
Tech Session 1: “Easements in a 3D World: Underground Wealth, Surface Flow, and Railroads”
Kristopher Kline, P.L.S., G.S.I. — 2Point Inc., Alexander, North Carolina

Easements can be extremely confusing even under what are laughingly called normal circumstances. Incorporeal property rights become even more difficult to deal with when considered in the context of a 3-dimensional world. This course considers three major topics: (a) Property rights associated with mining interests and other below-ground activities (b) natural easements and other issues relating to control of surface flow water (c) Railroad rights of way and easements. Specific issues considered include:

1. Rights that may be granted relating to mining interests
2. Implied rights associated with subterranean estates
3. Consideration of types of materials included by use of the term “minerals”
4. Differences between rights to surface and subsurface water
5. Limits placed on methods of extraction
6. Legal principles applicable to control of surface water: the Common Enemy Doctrine, Civil Law Rule, and Common Sense Doctrine
7. Later modifications applied to these original principles and recent developments in case law
8. Surface flow versus flood waters
9. Reservations, Exceptions, and their effect on property rights
10. Creation of Railroad easements and rights of way

This course includes state-specific problems for the student to solve based on actual rulings and cites additional examples from Maryland. The course will be followed by a multiple-choice quiz for those students who wish to claim continuing education credits for Maryland licenses.

Knowledge of these topics may suggest new business opportunities for surveyors and will improve their ability to aid clients and attorneys when preparing for possible litigation (8 hours total).

Kline has a four-year degree (class of ‘84) in general science from Bridgewater College of Bridgewater, Virginia and he has been involved in the surveying profession since graduation. In the summer of ‘84, he moved to Brevard, North Carolina, and took his first North Carolina surveying position as crew chief for William Leonard, P.L.S. After working for several firms in North Carolina, Kris became licensed in 1991 (P.L.S. L - 3374). He has attended numerous seminars on topics including Rights of Way, Adverse Possession, Ethics, Real Estate Law and various technical aspects of surveying. He is a 1999 graduate of the North Carolina Society of Surveyors (N.C.S.S.) Institute, a three-year continuing education program that has drawn national attention for the quality of its curriculum and instructors. Kris served for a year as the Chairman of the Standards of Practice Committee for N.C.S.S., followed by 5 years as Chairman of the N.C.S.S. Education Committee. He has appeared as an expert witness in court on numerous occasions, and has spent the last several years in the hard school of boundary dispute (an informal class taught the hard way with no fixed curriculum, location, or schedule)! Kris has been teaching classes in North Carolina since 2001 on subjects including Boundary Retracement, Standards of Practice, Adverse Possession, Easements, and Intent of the Parties, as well as a portion of the annual Exam review. More recently, he has been invited to teach classes in South Carolina, Ohio, and West Virginia and Virginia. Kris now writes a bi-monthly column for “Point of Beginning”, a professional trade journal for land surveyors and spends his spare time researching material for upcoming articles and classes.

Tech Session 2: “Title vs. Survey—Statutes, Standards and Boundary Law Principles”
Gary R. Kent, L.S., The Schneider Corporation

This program will delve into the many issues that revolve around matters of survey and matters of title - both the distinct differences and the gray areas between. The program includes a review of statutes and administrative rules, and an in-depth discussion of unwritten rights, junior/senior rights, recordation acts, marketable title acts, and title registration. In addition, the program explores the role of title companies, the important relationship between surveyors and title companies, and the title aspects of the ALTA/ACSM Standards, state standards, and in the establishment of boundaries.

“The Surveyor in Court: Being an Expert Witness”

This program will begin by helping surveyors understand the types of projects and actions that result in the most claims, and how big those claims typically are. We will then look at how a company can organize and manage itself to help avoid such claims. From there, the focus will shift to serving as an expert or consulting witness. There are many facets to being an expert see Seminars, page 14
2014 PRELIMINARY CONVENTION PROGRAM
66th Annual VAS Meeting and Convention

Thursday, January 23, 2014

7:30am to 8:00am - Technical Sessions I Sign-in Desk – Hanover Room (3rd floor Madison Building)
8:00am to 5:00pm - Technical Session I – Hanover Room
12:30pm to 5:00pm - Guest Program – meet in lobby of hotel
12:00noon to 1:00pm - Lunch for Tech Sessions I Registrants & board members – The Glens Restaurant (2nd floor Madison Bldg.)
1:00pm to 5:00pm - Convention Registration – Henrico Ballroom (2nd floor Madison Bldg.)
1:00pm to 5:00pm - Board of Directors Meeting – TBD
3:00pm to 4:00pm - Affiliates Meeting – Henrico Ballroom
5:30pm to 7:00pm - Exhibit Hall Opens with President’s Reception – Henrico Ballroom

Friday, January 24, 2014

7:30am to 4:00pm - Convention Registration – Henrico Ballroom
7:00am to 4:00pm - Exhibit Hall Open – (breaks and lunch in exhibit hall) – Henrico Ballroom
7:30am to 8:00am - Technical Session II – Sign-in Desk – Hanover Room
7:30am to 8:00am - Technical Session III – Sign-in Desk – Brunswick Room
8:00am to 5:00pm - Tech Session II – Hanover Room
8:00am to 5:00pm - Tech Session III – Brunswick Room
9:30am to 3:00pm - Guest Program – meet in hotel lobby
12:00 noon to 1:30pm - Lunch for Tech Sessions II & III Registrants and Affiliates – Henrico Ballroom
12:00 noon to 1:30pm - Foundation Meeting and Lunch – York Room
5:00pm to 6:00pm - Happy Hour prior to Dinner – Foyer Henrico Ballroom
6:00pm to 10pm - Awards Dinner – Henrico Ballroom – Entertainment, installation of officers and plat contest awards

Saturday, January 25, 2014

9:00am to 12:00 noon - Annual General Membership Meeting – Henrico Ballroom

Awards Dinner

We cordially invite you to attend our Annual Dinner. We will be installing new state and chapter officers as well as presenting plat contest winners and other various awards. This year the dinner will be business casual for everyone. The Happy Hour will start at 5:00 p.m. and end at 6:00 p.m. with free beer as long as it lasts followed by dinner.

Entertainment will be provided by Paul Miller. Paul blends comedy magic, spectacular juggling and quick wit to keep the audience on the edge of their seats. His show involves the entire audience and individual volunteers. This will be a perfect time to socialize with friends and just relax and enjoy the 100% clean entertainment. A cash bar will be available for the evening.

Silent Auction

The silent auction will be held again this year. As always we are looking for items to be donated by the chapters or individuals. These items do not have to be survey related. Donations can be brought to the VAS registration desk starting on Thursday at Noon or sent to the Central Office by January 13th.

We look forward to seeing everyone in Glen Allen. The silent auction will be open at the President’s Reception and close at 1:30 p.m. on Friday in the Exhibit Hall. Items must be paid for and picked up during the last afternoon breaks on Friday. All proceeds go to the Education Trust for scholarships.
Seminars, continued from page 11

witness – ranging from assessing whether one should accept the assignment in the first place, to eventually providing testimony in court. To that end, considerations that need to be dealt with as the surveyor proceeds along the litigation path as an expert or consulting witness will be discussed. These include a look at state and Federal Rules of Evidence and Rules of Civil Procedure, and an in-depth look at the preparation of a Rule 26 Expert Report.

Gary Kent is in his 31st year with The Schneider Corporation, a surveying, GIS and consulting engineering firm based in Indianapolis and with offices in Charlotte, North Carolina and Ankeny, Iowa. He is chair of the NSPS committee on the ALTA/ACSM Standards and is liaison to NSPS for the American Land Title Association. Gary is often called as an expert witness and he regularly presents programs across the country on a variety of topics including boundaries, survey standards and easements. He is a past-president of both ACSM and the Indiana Society of Professional Land Surveyors. He taught Boundary Law, Legal Descriptions, Property Surveying and Land Survery Systems as an adjunct instructor for Purdue University in Indianapolis and West Lafayette from 1999 to 2006, for which he received Excellence in Teaching and Outstanding Associate Faculty awards. Gary has served on Indiana State Board of Registration for Professional Surveyors for 10 years. He writes a column for The American Surveyor magazine and is on the faculty of GeoLearn, a new on-line continuing education provider.

- Tech Session III: “Current Issues & Topics within the Virginia DCR”
  Virginia Department of Conservation and Recreation
  Instructors: Charles Banks, CFM, VA NFIP Coordinator, Richard Sobota, and Jon Janowicz

  - The National Flood Insurance Program
    Its three components (identify the risk, manage the risk, and insurance); mapping basics and the upcoming changes to the coastal maps (the LiMWA line); basic responsibilities of the community, such as permitting all development in the SFHA, and enforcing a compliant floodplain ordinance.

  - Certified Floodplain Manager
    Discussion of program; what it is, its benefits, how to qualify, etc.

  - Elevation Certificates
    Their benefits, and when they are required; the changes in the newest version; some of the challenges of the elevation certificate.

  - Biggert-Waters 2012
    Why it was passed, and what it was intended to accomplish; what has happened so far, and what is scheduled to happen with the cost of NFIP insurance.

  - LOMAs and LOMRs
    What they are, their differences, how they are evaluated, and what it means when they are approved.

  - Some of the changes to DCR
    What went over to DEQ and why, and what stayed at DCR

Final Point, continued from page 4

The result is one which any family member would be pleased with and any surveyor would be proud. Walter’s NGs Data Sheet can be found at:
http://www.ngs.noaa.gov/OPUS/getDatasheet.jsp?PID=BBDB81&style=modern

Frank Lenik PLS is a licensed land surveyor in Delaware, New Jersey, North Carolina and Pennsylvania. He is the Area 2 Director for the National Society of Surveyors and is employed by Leica Geosystems, Inc.

After final curing, a static GPS session to collect four hours of data for an OPUS DB position.
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Carlson Survey & GIS Workshop
$99 for 8 PDH credits
Statesville NC on 11/12/2013
Raleigh NC on 12/12/2013
Topics include:
- CAD tips & tricks,
- traverse adjustment with Carlson Survey,
- Sun/CE/Sun/PC tips & tricks,
- data collection and Field to Finish with Survey,
- Sun/CE/Sun/PC and GIS,
- mapping & stakeout with Carlson Survey

Carlson Civil & Hydro Workshop
$99 for 8 PDH credits
Statesville NC on 11/13/2013
Raleigh NC on 12/12/2013
Topics include:
- CAD tips & tricks,
- surface modeling and volume cals with SiteNet,
- BIM file import and export with new CADNet module,
- advanced techniques for subdivision & roadway design,
- overview of hydrology design, drafting & reporting

CAD and Carlson Workshop
$49 for 4 PDH
Hendersonville NC (Asheville area)
On 11/11/2013
Wilmington NC on 12/9/2013
Topics include:
- CAD tips & tricks,
- Carlson Survey and Surv/CE tips & tricks,
- mapping & stakeout in Carlson Survey and GIS,
- surface modeling & volume cals

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That CAD Girl
(919) 417-8351  www.thatcadgirl.com
2013-2014 Calendar of Events

Rappahannock Chapter — Holiday Dinner: December 12, 2013.


66th VAS Annual Convention and Meeting
January 23-25, 2013, Wyndham Virginia Crossings Hotel, Glen Allen, VA

Hotel reservations must be made by January 6, 2014.
The rate is $129.00 for single or double room.
Reservations can be made directly with the hotel 804-727-1400 using the group name “VAS 2014 Convention.”
You must use our group name to be sure you get a room at our room rate.
For reservations online: http://www.wyndham.com/groupevents2013/RICVC_VAS2014/main.wnt

Convention Hospitality Suite: VAS members, affiliates, and their guests are invited to come and enjoy the Hospitality Suite at the 2014 Annual Meeting and Convention. The suite will be staffed and will be open according to the following schedule:

- Wednesday – Open this evening for those arriving early
- Thursday – 10:00 p.m. until midnight
- Friday – 10:00 p.m. until 2:00 a.m.

The Hospitality Suite will not be open on Saturday. If anyone needs to use the suite for a meeting, please contact Craig Brown to arrange a time.