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January | February 2014

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Floodplain Management and Surveying
by William Nechamen, CFM



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[PRESIDENT'S CORNER]



Joseph Malinowski, LS

While elections are held for a new executive board of directors every other November and officers are installed the following January, changes within the association more often than not are largely imperceptible. That is not to say that the leadership of the organization simply adopts the agenda of previous administrations, rather it emphasizes one of the core truths of the association. That is that the association operates to carry out your will, the will of the membership. Therein lies the continuity.

Each new administration certainly brings along with it a new perspective and a set of fresh ideas, and I will share mine with you in this space over the coming months. My ideas and goals have been developed over the course of my six years as a member of the executive board of directors and honed by my participation as first a member and later as chair of the Education Committee.

My primary goal at face value is fairly simple. I want to ensure that each of you understand that you have not only the opportunity but also the responsibility to set the course for this organization. I urge you to consider the weight of this responsibility.

The process begins with you, our membership, being active on the local level. Hopefully this activity includes participation and attendance at regional meetings. If participation in meetings is impractical, communication is still possible with your regional leadership through phone calls, emails or responses to polls and surveys.

Each chapter has the opportunity to elect and send a representative and alternate to the bi-monthly association board of directors' meetings. Those that you choose are the primary conduit for exchanging information between the regionals and the association. It is through this process that your input and ideas are expressed to the executive board. I understand the constraints that work life and personal life places on those who volunteer to serve in this capacity. Communicate with your representatives, if they are unable to attend a board of directors meeting, offer to attend as a proxy, so that the voice of your regional is heard.

Your input is more than appreciated, it is essential to the vitality of the association. I would like to acknowledge one truth, pointing out flaws is easy, developing solutions to remedy those flaws is not. While I will always welcome expressions of displeasure as they provide a measure of our success, I will truly value your ideas on how to improve the situation.

We have many challenges ahead of us from attracting those to the profession who will one day walk in our footsteps to ensuring that those footprints are not washed away by incursions of other professions. To achieve this we need to be bold and creative and abandon the complacent attitude that says 'we have always done it that way'.

I will speak for the executive board and say, we look forward to hearing from you.

Joseph G. Malinowski, LS

NYSAPLS President





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Happy New Year! I hope you had a wonderful 2013 and here's wishing you, your families and staff members a happy and healthy 2014.

Just a friendly reminder, National Surveyors week coming up in a couple months, March 16-22, 2014. Be sure to visit our website, along with www.nsp.us.com and www.gpsday.com for opportunities to participate in events to promote the surveying profession as a whole.

Do you have a story you'd like to share in our magazine? We love printing member generated news articles in our publication. Send your news stories and articles to amber@nysapls.net.

As always, thank you for your support.

Sincerely,
Amber Anderson

Editor's Correction: Nov/Dec 2013 issue page 29, SUNY Ulster has become the fifth college (not fourth as printed) in NYS to offer an associate's degree. Our apologies for the oversight.

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February 20
Deadline to register for the April 2014 LS Exams
See www.ncees.org for more information.

March 7
First Friday Webinar Series
Topic TBD - Save the date!
8:30am – 9:30am
More details to be announced soon! Save the date!

March 7-8
NYSAPLS NYS-Specific LS Exam Review Workshop
See page 24 for details.

March 17-22
National Surveyors Week

March 21
NYSAPLS Board of Directors Meeting
6:00pm – 10:00pm
Hilton Garden Inn, New Scotland Ave, Albany, NY
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April 4
First Friday Webinar Series
Closing your Career – Selling and Moving On,
presented by Bill Beardslee, PLS, PE, PP
8:30am – 9:30am
Visit our website for more details

April 11-12
Land Survey Licensing Exams
PS/FS & NYS-Specific
See www.ncees.org for more information.

May 2
First Friday Webinar Series
Topic TBD - Save the date!
8:30am – 9:30am
More details to be announced soon! Save the Date!

May 16
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May 19-23
NYSAPLS Fall Workshops
Presented by Milton Denny, PLS
See page 22

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Floodplain Management and Surveying:

The National Flood Insurance Program, flood maps and flood elevation certificates

William Nechamen, CFM

*Chief, Floodplain Management Section,
NYSDEC*

The surveying industry has always been a key component of the National Flood Insurance Program (NFIP). The NFIP was created by Congress in 1968 to reduce the costs and risks of flood damages by making flood insurance available for homes and businesses and by making sure that new development is built in a manner that is reasonably safe from flooding. The Federal Emergency Management Agency (FEMA) manages the NFIP through the insurance side, by publishing Flood Insurance Studies and Flood Insurance Rate Maps, and also by passing regulations that local communities must adopt to regulate floodplain development. In New York, most communities have Flood Insurance Rate Maps (FIRMs) and nearly all communities with flood maps participate in the NFIP. In doing so, they have passed local laws or ordinances that require new, substantially improved or substantially damaged structures to meet elevation standards. That's one place where the surveyors come in. It is the surveyor's job to fill out elevation certificates that are used to assure compliant construction and for accurate flood insurance rating.

Recent changes to the NFIP were brought about by the Biggert-Waters National Flood Insurance Reform Act of 2012. The Act was passed to try to move the NFIP into a sounder financial footing by phasing out insurance subsidies on older structures that were built prior to the issuance of flood maps in their communities. That is significant in New York. 79 percent of the state's housing stock was constructed before 1980, which is about the average year for the first flood insurance rate maps

continued on page 11

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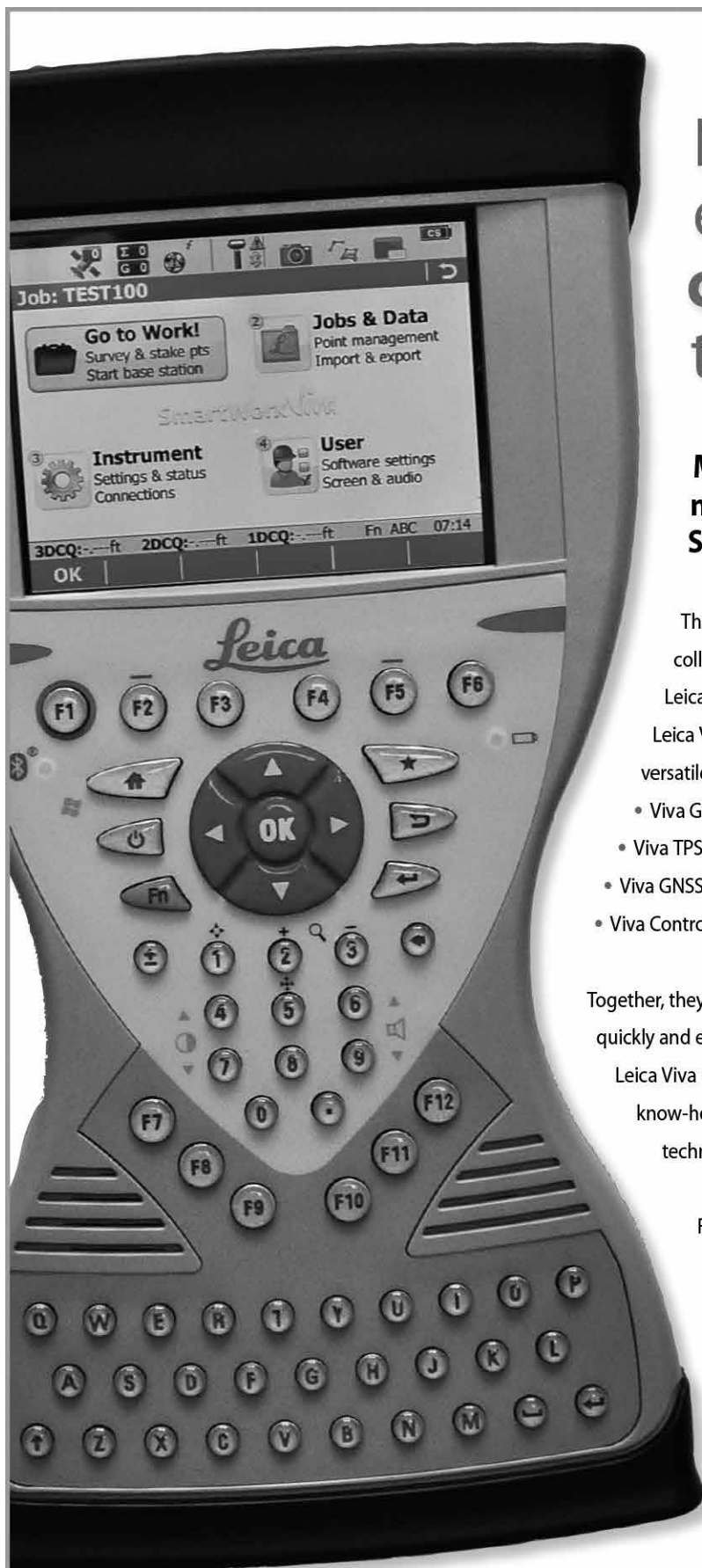
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floodplain, continued

across the state. Most of those structures do not meet modern floodplain development standards. Because of that, their risk of flood damages is much higher than a structure that has been properly elevated. In order to maintain affordable flood insurance rates, these policies have not paid their actuarial risk based rate, resulting in the flood insurance fund running what now appears to be a permanent deficit.

The new law moves some structures to actuarial insurance rates gradually, and others, suddenly. Any structure that is not a primary residence, including non-residential structures, will see flood insurance rates rise by 25 percent per year every year until an actuarial rate is reached. This is also the case for many structures with a history of repetitive flood insurance claims. For other residential structures, as long as the owner has an existing flood insurance policy that pre-dates July of 2012, and maintains that policy, they will continue to receive a subsidized rate, and no elevation certificate is required for insurance rating. However, any new policy, renewal of a lapsed policy, or a policy for a newly purchased property can only be rated based on the full flood risk, and that requires an elevation certificate.

Private insurance companies act as “Write your Own” companies for the NFIP. In order to properly rate a structure in accordance with actuarial standards, they must have an elevation certificate. Since October of 2013, insurance policy holders who newly purchased their policy or their property on or after July 2012 have been receiving letters from their insurance company at policy renewal time informing them that they need to obtain an elevation certificate. The numbers of properties requiring elevation certificates will only increase as more and more properties are affected by the changes in the flood insurance law.

The first thing you need to know in order to fill out an elevation certificate is the flood elevation information. Fortunately, FEMA’s Map Service Center: msc.fema.gov, has a great deal of useful information. You can type in an address and get a link to the flood map panel that contains that address. Once you open the flood map, follow instructions to print out or save a portion of the map as a FIRM-ette. If the property is in one of the counties that has updated digital flood mapping, you can also visit FEMA’s GeoPlatform, linked to from the map service center home page. Click on the GeoPlatform, then click on the FEMA Flood Hazard Resources Map to get into an interactive GIS style map browser where you can search by address or by community. The following counties in New York have digital flood information on the GeoPlatform:

Clinton	Delaware	Greene
Chenango	Dutchess	Monroe
Cortland	Erie (part)	Nassau

New York City	Putnam	Sullivan
Niagara	Rockland	(begin- Tioga
Oneida	ning March 2014)	Ulster (part)
Orange	Schoharie	Westchester
Oswego	Suffolk	

Flood Insurance Rate Maps only provide flood elevations to the nearest whole foot. To get a more detailed flood elevation for areas along streams and lakes, you have to go to the Flood Insurance Study that accompanies flood maps. Those studies have detailed stream profiles or lake elevation tables that can get you a flood elevation to a tenth of a foot. That level of detail must be used on elevation certificates.

There are many areas where flood elevations are not included within flood zones. It is prohibitively expensive to generate detailed flood studies for all flood prone areas. There are over 50,000 miles of streams and rivers in New York. It costs up to \$15,000 per stream mile to do the detailed engineering and survey work required to develop a detailed flood study. For that reason, detailed studies are generally limited to the areas of greatest risk. Less densely developed areas receive approximate flood studies. In the old days of hand drawn maps and zipatone shading overlays, approximate studies were placed on flood maps by hand using available USGS or other topographic maps. Current techniques are much more advanced and more accurate, as long as a detailed elevation model is available, typically from LiDAR. Modern techniques for approximate studies cost about \$600 to \$800 per stream mile. Those techniques generate advisory flood elevations that can be obtained from the Digital Flood Insurance Rate Maps layers. But they are not shown on the flood map image itself. In general, a structure in an approximate flood zone does not need a surveyor to fill out an elevation certificate. Insurance ratings are based on the difference between the elevation of the highest adjacent grade and the lowest floor. FEMA allows that information to be filled out without a surveyor on Section E of the Elevation Certificate. Surveyors can help, however, by obtaining advisory flood elevations from the GIS mapping layer and filling out the full elevation certificate. Many residents can save money on their flood insurance that way, and local code officials can use that as best available data for proper building elevation standards.

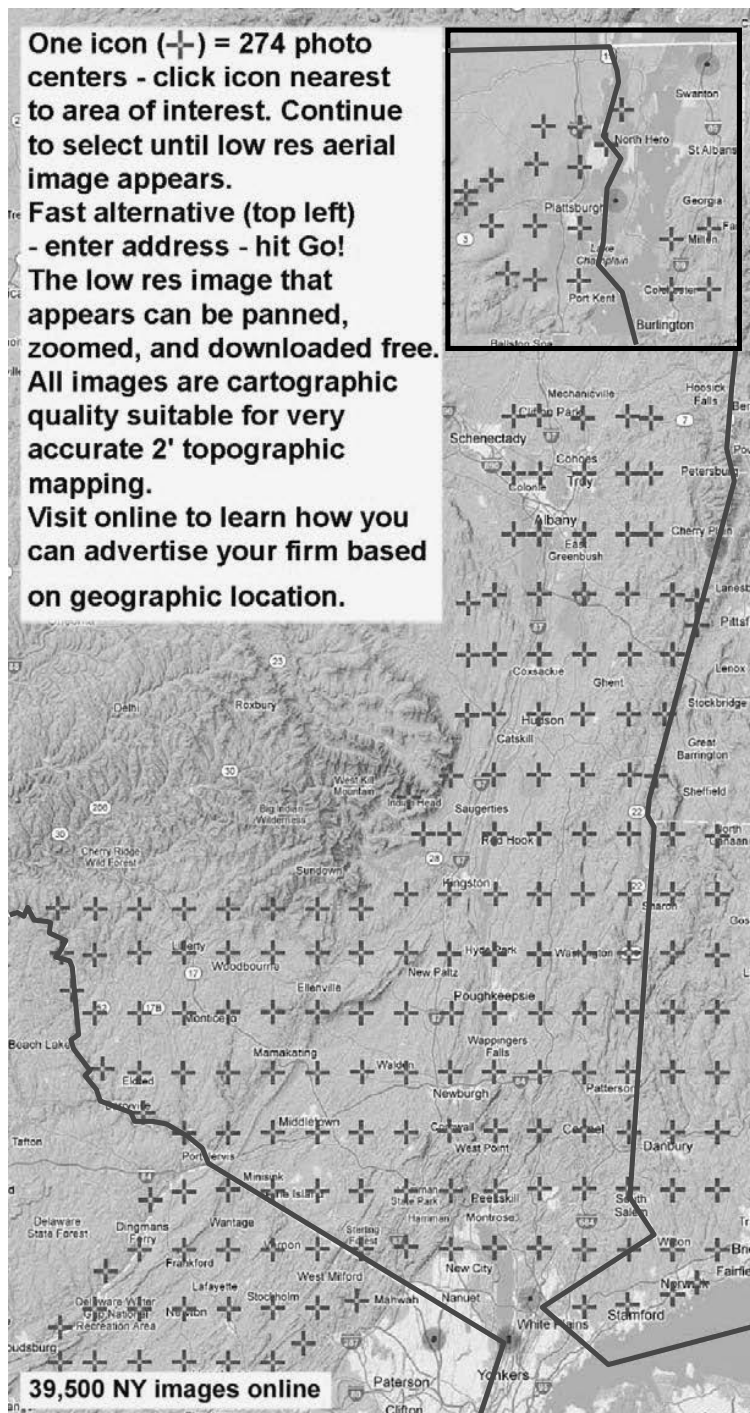
Some important things to remember when filling out an elevation certificate is to use the proper building diagram number (Section A-7), accurately measure the size and location of any flood vent openings, and measure the elevation of the lowest machinery or equipment servicing the building. Many residents have been overcharged for flood insurance because of errors in the elevation certificate, especially with regard to

continued on page 13

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those items. Conversely, the lack of proper flood vents or the placement of building utilities that are below the flood elevation could lead to very expensive flood insurance rates. With proper guidance, a property owner may be able to retrofit an otherwise compliant structure to significantly reduce their flood insurance rates if they know what needs to be done. Surveyors can help residents and businesses understand where building components may be too low, or if vent openings need to be inserted.

With the increasing cost of flood insurance, many property owners are pursuing Letters of Map Amendments (LOMAs). A LOMA is not a change to a flood map, but is a fine tuning of the map. No flood map is detailed enough to show the precise elevation of each structure. For some structures on the edge of the flood hazard area, a survey of the lowest adjacent grade may result in proof that the ground adjoining the structure is actually at or above the base flood elevation (elevation of the one percent annual chance flood, or 100-year flood). Sur-

veyors provide the appropriate information either through an elevation certificate, or through an MT-EZ form, available at FEMA.gov. If somebody has their lowest adjacent grade even an inch above the base flood elevation, they can get a letter from FEMA exempting them from the requirement to obtain flood insurance as a condition of a mortgage. Yet, it doesn't really decrease the flood risk. People in that situation are advised to maintain flood insurance, but to use the LOMA to get a much cheaper policy rate.

Questions about elevation certificates, flood maps, and LOMAs may be directed to the Floodplain Management Section at the DEC Bureau of Flood Protection and Dam Safety at floodpln@gw.dec.state.ny.us.

About the Author

William Nechamen, CFM is the Chief of the Floodplain Management Section at the New York State Department of Environmental Conservation.

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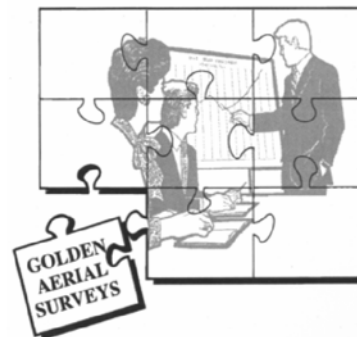
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The Assassination of John F. Kennedy: The Trial of Clay Shaw

By Cyn René Whitfield



Fifty years since the assassination of John F. Kennedy much has changed, both in the way we would today report the event and in the tools available to solve the crime. Even with the advancements of technology there remains the many dozens of theories that surround the events of the assassination of our 35th President of the United States.

On March 1, 1967, New Orleans District Attorney Jim Garrison arrested and charged New Orleans businessman Clay Shaw with conspiring to assassinate President Kennedy, with the help of Lee Harvey Oswald. The Clay Shaw trial included testimony of land surveyor Robert West. It is to date, the only trial to be brought for the assassination of President Kennedy. A jury took less than an hour to find Clay Shaw not guilty.

Robert West, a surveyor in Dallas County, Dallas Texas, was brought in to testify as an expert on the as-built conditions of

Dealey Plaza at 12:30 PM CT, November 22, 1963 when the 35th President of the United States was shot and killed. His detailed knowledge of the conditions of the plaza combined with his timely presence at the site during the assassination would make a powerful statement to surveyors as they approach their profession as documentation experts of existing conditions.

The role that surveyors have played in history began hundreds of years ago with the exploration of America and the need for navigational maps. The profession requires a unique ability in observation and documentation which advances the profession beyond more than filling a basic need to define boundaries. Surveyors are historians and detectives and the profession has proven to be more than the establishment and maintenance of boundaries as it is both a science and an art.

Here are the opening remarks from the transcript:

THE COURT: I would suggest we call Mr. West and put him under oath out of the presence of the Jury and go through his testimony. If you have no objection you can do it all over again in the presence of the Jury.

ROBERT WEST, after first being duly sworn, was examined and testified on his oath as follows:

THE COURT: Would you be kind enough to spell your name?

THE WITNESS: Robert H. West, W-E-S-T.

THE COURT: You may proceed.

DIRECT EXAMINATION BY MR. SCIAMBRA:

Q: What is your occupation, sir?

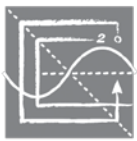
A: *I am a land surveyor, the County Surveyor for Dallas County.*

Q: Would you briefly tell the Court the nature of your duties as surveyor for Dallas County, Dallas, Texas?

A: *Basically keeping the survey records, the land survey records of the County, making them available to the public and so forth.*

Q: Do your duties include any on-the-scene survey work?

continued on page 17



NCEES
advancing licensure for
engineers and surveyors



About the Future City Competition

The Future City Competition is a national, project-based learning experience in which students in 6th, 7th, and 8th grade imagine, design, and build cities of the future. Students work as a team with an educator and engineer mentor to plan cities using SimCity™ software, research and write solutions to an engineering problem, build tabletop scale models with recycled materials, and present their ideas before judges at regional competitions in January. Regional winners compete at the national finals in Washington, D.C., in February in conjunction with the National Engineers Week celebration.

In addition to the grand prize, there are several special awards presented during the competition. These special awards highlight different aspects of each city and reward the students for their hard work in those areas. NCEES is proud to sponsor the Best Land Surveying Practices award at the regional and national levels.

Best Land Surveying Practices Award

NCEES is looking for professional surveyors to serve as judges for the NCEES Best Land Surveying Practices special award at the regional competitions.

The NCEES Best Land Surveying Practices award recognizes the design that employs the best land surveying practices, taking into consideration the high standards used by surveyors to protect the public's health, safety, and welfare. Teams should be able to demonstrate the skills and resources surveyors provide in the design, development, and maintenance of their future city.

General Information for Volunteer Judges

- Special Awards judging is an all day commitment (approximately 8 a.m.-4 p.m). You will judge the individual teams and present the winning team their special award.
- Judges are allowed 5 minutes to question each team before moving on to the next.
- You may be on your feet for an extended period of time, so good shoes are recommended.
- Sample questions for judging and a scoring rubric will be provided.
- Mileage and incidentals related to the regional competition are reimbursable.

If you are interested in serving as a judge at a regional competition, please email Sara McGee at smcgee@ncees.org.

For more information on Future City, visit futurecity.org.



history, continued

A: In my official capacity as County Surveyor very, very rarely. The County Surveyor's Office is mainly in the surveying of public bond domain, of which there is very little left in Dallas County.

Q: Relative to other aspects of your occupation, do you do on-the-scene survey work?

A: Yes, sir.

MR. SCIAMBRA: At this time the State would attempt to qualify this witness as an expert surveyor and therefore qualified to give his expert opinion relative to the topographical aspects of Dealey Plaza in Dallas, Texas...*

Technology is constantly changing and so has the surveyor's tools. The advancement from rods and chains to AutoCAD, satellites and 3D laser scanners are contributors to the growth of the profession in the way data is collected and stored. The end product is only as good as the original field data gathered but what remains is the keen ability of the surveyor in spatial recognition. The profession in the forensic world is an expanding market for surveyors.

Forensic surveying is the process of compiling field data to map or recreates accidents and crime scenes. The surveyor, as in the case of Robert West, will also serve as an expert witness providing expert testimony during a trial. New technology tools aid the surveyor in providing better visualizations for the jury and quicker more accurate response to a crime scene. These technology tools like 3D LiDAR also can capture a complete as-built environment prior to a conflict serving as a base map of record. This data can be canned and data extracted at a later date as needed. Terrestrial mobile LiDAR is fast becoming an economical tool to gather time stamped, accurate data as fast as merely driving a through a scene.

THE COURT: Considering the training, experience and education of the witness, the Court rules he is qualified as an expert in this particular field and can give his opinion not only as a land surveyor but also as an official of Dallas County of the physical aspects of Dallas on November 22, 1963. You may proceed.

BY MR. ANDREW SCIAMBRA: (Assistant DA)

Q: I direct your attention to what has been previously marked for identification as State Exhibit 35, which purports to be a plat, and ask you whether or not you recognize this?

A: Yes, sir.

Q: For what purpose was this plat originally drawn?

A: This was made at the request of the FBI agent for the Warren Commission.

Q: Did you personally draw this?

A: It was personally drawn -- Well, it was drawn under my personal supervision.

Q: Did you personally supervise the surveying of everything that led up to the drawing of this plat?

A: Yes, sir, I was present at all times during the office work and field work.

Q: In connection with the drawing of this plat were any photographs taken to aid you?

A: Yes, sir.

Q: Mr. West, is this plat a complete representation of Dealey Plaza?

A: No, sir.

Q: In what respects is it not complete?

A: It doesn't show all of the topographical features of that particular part of Dealey Plaza that lies northwest of Main Street.

Q: Does it show all of the curves and contours in Dealey Plaza?

A: Not of the ground, but all the streets, it shows all of the curves and contours.

Q: Directing your attention specifically to the wooden stockade, does this plan indicate the elevation of this stockade?

A: No, sir.

Q: Are there any reasons why this plat is an incomplete drawing?

*A: This is what the FBI agent instructed me to show on this plat, these features...**

Trusted data acquired by a surveyor, governed by the laws and ethics of the profession make the land surveyor an expert witness because of the special knowledge and experience in the subject. The function of an expert witness is to express a non-biased informed perspective based on the information collected and observed. When that information is as complete as LiDAR today provides of a scene the opinion facts can be undisputable. Imagine if the first car of the motorcade on November 22, 1963 was a terrestrial Mobile LiDAR Scan (TMLS) vehicle capturing 3d as-built data along with video and digital time stamped images along the parade route. The tools for better Zapruder capture are available to the surveyor.

*To read the complete transcript visit <http://www.jfk-online.com/westshaw.html> or to view a special video reenactment of the transcript entitled 'The Surveyors Role in History The Clay Shaw Testimony by Cyn Rene' Whitfield go to http://stilet-tocynproductions.com/surveyor_in_history.html

continued on page 19

**NORTH EAST
SURVEYING
SOCIETIES
CONFERENCE
AND
CONVENTION**

VSLs 50TH ANNIVERSARY CELEBRATION 2014 NESS Meeting & Conference

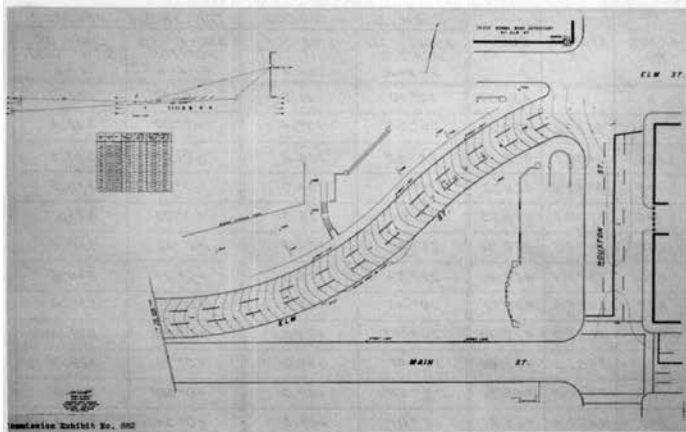


**September 10-11-12, 2014
Sheraton Conference Center
South Burlington, Vermont**

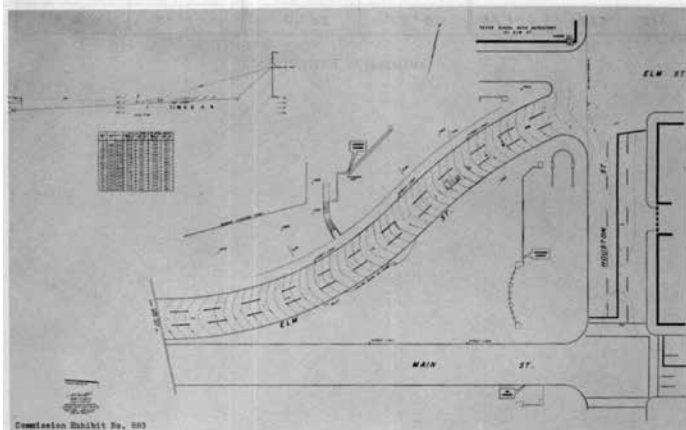


NESS MISSION STATEMENT: To nurture the Land Surveying Profession by enriching, educating and empowering surveyors throughout the northeastern United States. The member societies will identify issues of mutual interest and work cooperatively to address these issues to foster the betterment of the surveying profession

Please check our website for updated information <http://www.vsls.org>.

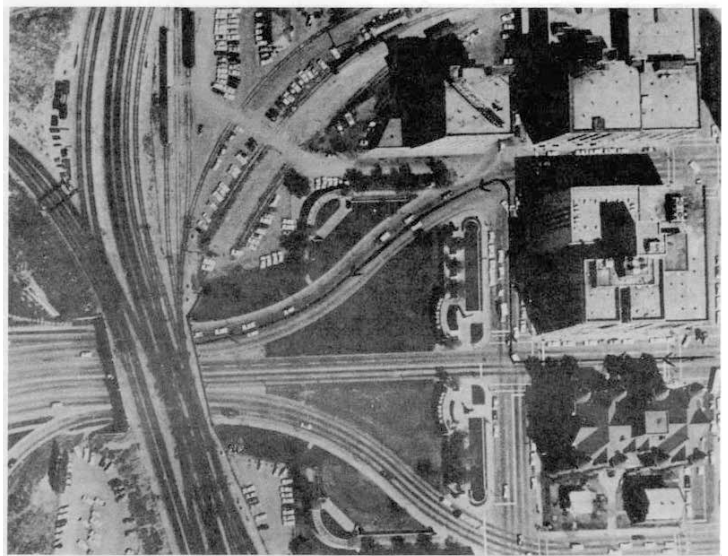


COMMISSION EXHIBIT 882



COMMISSION EXHIBIT 883

Land Survey prepared by Robert West State Exhibit S-35 (Commission Exhibit No. 882 and 883, Warren Commission Hearings) "It is not complete, it does not show all of the topographic features within this particular quadrant of Dealey Plaza," Robert West testimony.



Aerial Photograph of Dealey Plaza and surrounding area State exhibit S-34 (Commission Exhibit No. 704, Warren Commission Hearings) Questioned by Assistant DA Andrew Sciambra "To the best of your knowledge are the buildings, streets and various landmarks, including the trees that are depicted in this photograph, in the same location and position as they were in (sic) on November 22, 1963?" Answer by Robert West "Yes sir."

About the Author

Cyn René Whitfield is a nationally published journalist who has been involved in marketing for land surveying and 3D/4D laser scanning documentation for the past 29 years. She has a Bachelor of Science degree in Broadcast/Journalism, an Associate's Degree in Electronic Imaging and a Master's Degree in Managerial Business Communications. She is currently the business development coordinator for Terrametrix LLC (www.terrametrix3d.com), Omaha, Neb. She can be reached at cwhitfield@terrametrix3d.com

[CONFERENCE 2015]

Call for Presentations – 2015 Annual Conference

Share your experience and submit a speaker proposal today! Be recognized as an industry expert by your peers, be exposed to prospective clients in your industry, and be enriched by the NYSAPLS conference experience!

Going on our 56th year, the NYSAPLS Annual Surveyors Conference and Exhibition has become THE premier industry event for progressive thinking, emerging issues, and revolutionary technology advancements.

This annual three-day program features nationally-recognized presenters and award winning seminars showcasing the achievements, advancements, and developments emerging from the surveying field. It attracts leaders from fast growing

companies in the land planning/real property arena who gather to share strategies for success, learn tactics from their peers, and leave with renewed inspiration.

We are seeking presentation submissions on GIS, GPS, project management, case studies, business management, technological advances and legal issues affecting the land surveying industry. Submit your abstract today!

Event date – January 21-23, 2015

Location – Turning Stone Resort & Casino, Verona, NY

Contact: Amber Anderson, Director of Operations,
NYSAPLS, Inc.

amber@nysapls.net

518-432-4046

Congratulations...

President

Joseph G. Malinowski, PLS



Mr. Malinowski has been employed at MJ Engineering and Land Surveying P.C. headquartered in Clifton Park, NY for twenty years, currently serving as the Director of Survey and Mapping Services. A native of Albany NY, Joe is a graduate of the New York State Ranger School in Wanakena

NY and currently resides in Niskayuna NY with his wife Ellen and their children, Joseph and Sarah. The family enjoys summer vacations in Maine, day trips to all corners of New York State and backyard barbeques. In addition to his service to NYSAPLS as a member of the Executive Board, Legislative, Finance and Education Committees, Joe serves as a member of The Surveying Friends Committee at Wanakena, an industry advisory committee.

Executive Vice President

Gary L. Thompson, PLS



Gary L Thompson, PLS is a Principal of HUNT Engineers, Architects & Land Surveyors, PC. He is Director of Survey and Mapping for the firm and also provides corporate photography of his company's architectural and engineering projects for use in the firms' marketing publications.

As an avid motorcyclist and photographer Gary enjoys living in the Southern Finger Lakes Region (Big Flats, NY) with his wife, Renee. They have two daughters and two granddaughters both in college.

Gary is an officer of The Grand Canyon Photography Club in Wellsboro, PA. With a genuine passion for live music and the 'biker' community, Gary's concert and motorcycle event photography has won many awards and has been published in various promotional media and national magazines.

Gary looks forward to continuing his work with NYSAPLS as the Executive Vice President (and as the conference event photog!)

Vice President

Gregory J. de Bruin, PE, PLS



Greg J. de Bruin, PE, PLS, is Vice President of Gayron de Bruin Land Surveying and Engineering, PC, a woman-owned business based in Long Island. He is licensed as both a Land Surveyor and a Professional Engineer but has spent much of his career developing software and methodologies to attempt to

change both professions. Greg is a former president of Nassau Suffolk Civil Engineers, former president of the Nassau County Chapter of the New York State Society of Professional Engineers and former president of the Long Island Branch of the American Society of Civil Engineers.



...2014 NYSAPLS Officers

Treasurer

Daniel E. Marvin, PLS



Daniel E. Marvin, PLS is employed with Marvin Land Surveying, a family owned business located in Lake Placid, N.Y. Dan was licensed as a Professional Land Surveyor in New York in 2006. In 2012 and 2013, Dan served as Secretary of NYSAPLS. Dan also serves on the Education and Finance Committees.

He is a past President, Vice-President, and Secretary of Northern New York Association of Professional Land Surveyors. Dan graduated from SUNY Alfred in 1995 with a BS. He is a member of the Vermont Society of Land Surveyors and the National Society of Professional Surveyors. Dan was married in 2002, and has two young children, ages 10 and 8.

Secretary

Kenneth M. Slaughenhoupt, PLS



When I was eleven years old through a strange serendipity, I decided I wanted to be a land surveyor. Ask me about the story some time. 2013 was my first year of retirement and I doubt I have ever been busier. One of my goals however is to complete the journey I started over fifteen years

ago, that is serving NYSAPLS through the Executive Committee and Officer ship. The first effort was cut short when I spent 12 years as a Sales Manager for Trimble Navigation, Ltd.

Currently I am a part-time Marketing Director for both Niagara Boundary and Mapping Services, as well

as for Advanced Design Group, a WBE certified Civil Engineering and Land Surveying firm both located in Lewiston. With my wife Esther I love to travel and our most interesting recent destination included Ephesus, where the Apostles Paul and John spent their time preaching.

I look forward to re-engaging in our professional lives state wide and to meeting both old and new friends as we strive together.

Executive Director

J. Steven Boddecker, PLS



John (Steve) Boddecker, PLS is Vice President and Client Services Manager at Fisher Associates, PE, LS, PC, a 130 person surveying and engineering firm founded in 1984 with 5 offices in Rochester, Buffalo and Syracuse, NY and Erie and Cannonsburg, PA. Steve is licensed as a Professional Land Surveyor in

New York and New Jersey in 1990 and 1995, respectively. He served two separate terms as president (and past president) of the Niagara Frontier Land Surveyors Association and served as the 2012-2013 President of the New York Association of Professional Land Surveyors. Steve serves as a member of the Alfred State College Curriculum Advisory Board for the Surveying Engineering Technology four year degree program. He is also a member of the Pennsylvania Society of Professional Surveyors and the National Society of Professional Surveyors.



NYSAPLS Spring Workshops

Colonial Surveyors from the Eastern Lands

Presented by Milton Denny, PLS

Don't miss out on this exciting full day course held ½ day in the classroom and ½ day in the field.

Seats are limited – and WILL sell out – REGISTER TODAY!

As a professional surveyor, it is important to understand the accuracy standards that were in place when the original surveys were performed in the area where you practice. This seminar will help you understand the roots of our measurement system and our English heritage, which resulted in the U. S. Survey “foot”. This course will cover not only the survey chain, but also many other devices used to measure land, including the steel tape, waywiser, tobacco jack and many others. This course will also cover the measuring methods and the skills of the employees.

This seminar will include both classroom and field work

Original equipment from Colonial times will be used to perform office and field work the same as the original surveyors

- Learn chain measuring from original Colonial instructions
- Learn how to properly scribe reference trees
- Learn the art of drawing township plats, with ink on mylar
- Learn how to measure with wooden rods learn how to properly use a survey compass
- Learn how measure with a waywiser (measuring wheel)
- Learn how to set the declination on a compass

By the end of this session participants will be able to:

The specific objectives of this one-day seminar will be to:

- Gain an understanding of early measurement systems;
- Develop an appreciation for antique measurement tools;
- Relate the accuracy of these tools compared to modern survey equipment;
- Study the time period of the use of different survey tools; and,
- Use this gained knowledge to become a better surveyor.

Field Work:

- You will receive classroom instruction on the use of both the original compass and chain
- You will be part of a survey crew that will run a traverse with original Colonial equipment including a compass and chain. You will return to the classroom and run a traverse closure on forms provided.
- You will compare your results with the other crews

Dates and Locations:

May 19 – Syracuse

Arrowhead Lodge
106 Lake Drive
Liverpool, NY

May 21 – Lake Placid

Crown Plaza Resort and Golf Club
101 Olympic Drive
Lake Placid, NY 12946

May 23 – Dutchess County

Bear Mountain Inn
55 Hessian Drive
Bear Mountain, NY 10911

Workshop Schedule:

7:30am – 8:00am

Registration and sign-in

8:00am – 12:00

Workshop begins (classroom)

12:00pm – 1:00pm

Lunch break – bring a bagged lunch

1:00pm – 5:00pm

Workshop resumes (field work)

5:00pm

Sign-out/workshop concludes.



Registration form

Spring Workshops: Colonial Surveyors from the Eastern Lands

Register ONLINE now at www.nysapls.org OR use complete this form today.

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

WORK #: (____) _____ FAX #: (____) _____

HOME #: (____) _____ E-MAIL: _____

Choose your registration:

- ☐ Member discount (by April 30th): \$200
- ☐ Member discount (after April 30th): \$260
- ☐ Non-Member fee (by April 30th): \$290
- ☐ Non-Member fee (after April 30th): \$350

Choose your date and location:

- ☐ May 19 – Syracuse
- ☐ May 21 – Lake Placid
- ☐ May 23 – Bear Mountain

Payment Method:

- ☐ Check or Money Order Enclosed (make payable to NYSAPLS)
- ☐ Credit card ☐ MC ☐ Visa ☐ Amex ☐ Discover

Credit card number: _____

Exp. Date: ____/____ Security Code: _____

Signature: _____

Name on card: _____

Billing Address: _____

Mail this form to: NYSAPLS, 146 Washington Avenue, Albany, NY 12210

Or fax with your credit card information to: 518-432-4055

Questions?

Call us, 518-432-4046

Or email, contactnysapls@nysapls.net

About the presenter:



Milton E. Denny is a registered surveyor in seven states, and a veteran of surveying, mapping and GIS. His special interest has always been in project development and management of firms. He is a past president of the Alabama Society of Professional Land Surveyors, a Fellow in the American Congress on Surveying and Mapping and served for many years on the Board of Direction. Mr. Denny is the author of many manuals dealing with surveying, mapping and GIS. He is a nationally known speaker and lecturer on these subjects and writes a column called "The Business Side" for a trade magazine. He was instrumental in the starting of a new member organization in the American Congress on Surveying and Mapping called the "Geographic and Land Information Society". He served as the first president. Mr. Denny recently finished publishing a book on the history of surveying measurement call "Surveying The Land: Survey Measurement Devices 1620 to 1920". He also does a first person presentation of the Colonial Surveyor Andrew Ellicott.

Since retirement he has formed the firm of Denny Enterprise, LLC to better serve the surveying and mapping community. He is currently working at off campus locations for Auburn University teaching basic and advanced surveying for the Alabama Department of Transportation. He is available for consulting on many different issues, including Buying and Selling a Company, Business Planning, Future of Surveying Technology, and Training at both the entry and advanced level for field and office personnel.



NYS-Specific LS Exam Review Workshop

Friday, March 7, 2014 - Saturday, March 8, 2014

A review workshop customized to address the needs of surveying professionals planning to sit for the New York State surveying licensure exam.

Course Objective: To familiarize land surveying applicants, potential applicants and surveying technicians with the issues, resources and content required to successfully complete the New York State land surveying licensure exam.

Description: This review program is customized to address the needs of surveying professionals planning to sit for the New York State surveying licensure exam. The class will offer a comprehensive review of topics based on the licensing examination test blueprint, as published by the NYS Education Department Office of Professions:

- Computation/Analysis
- Documentation/Land Information Systems
- Ethics/Professional Responsibility
- Land Planning/Design
- Legal Principles
- Measurement/Location
- Monumentation
- Project Management
- Research

Time will be spent discussing testing strategies for a multiple-choice exam and how to prepare to sit for one.

Workshop Schedule*

Friday

8:00am - 8:30am	Registration/Check-in
8:30am - 12:00pm	Workshop Morning Session
12:00pm - 1:00pm	Lunch Break (on your own)
1:00pm - 5:00pm	Workshop Afternoon Session
4:45pm - 6:15pm	Dinner Break (on your own)
6:15pm - 9:00pm	Workshop Evening Session

Saturday

7:30am - 8:00am	Check-in
8:00am - 12:00pm	Workshop Morning Session
12:00pm	Session concludes

**Schedule and break times are subject to change.*

Location

Hyatt Place
20 State Farm Place
Malta, NY 12020

Our review course has been strategically planned to coincide prior to the NYS licensure exam date. Participants will leave with a voluminous reference manual containing NYS rules, statutes, laws and other pertinent study reference materials, including technical references, sample test questions and case law summaries.

Offered at reduced rates for NYSAP-LS members!! Don't miss your chance to experience an interactive, intensive preparatory session that will not only review surveying topics on the exam, but will help you understand how to prepare to take an exam of this magnitude. In exchange for this preferred rate, attendees will be requested to complete a questionnaire after the course as well as after taking the exam, to help improve the methods of teaching, material in the manual and topics covered in the course.

2-Day Workshop Fee

If you have attended this specific workshop in 2012-2013, you qualify for the "repeat attendee" discounted registration fee.

Member Fee:	\$299
Non-Member Fee:	\$399
Repeat attendee (member discount)	\$249
Repeat attendee (non-member discount)	\$349

Overnight Accommodations

A discounted overnight rate of \$109 is available at the Hyatt Place. To make your reservations, call the hotel directly at 518-885-1109. Be sure to mention our group code "NYSA".

NYSAPLS Bookstore on location

NYSAPLS will offer a selection of publications and review manuals recommended as reading material by the New York State Education Department for purchase on-site.

Registration form

NYS-Specific Exam Review Workshop - March 7-8, 2014

Register ONLINE now at www.nysapls.org OR use complete this form today.

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

WORK #: (____) _____ FAX #: (____) _____

HOME #: (____) _____ E-MAIL: _____

- ☐ Member (\$299)
- ☐ Member, previous attendee (\$249)
- ☐ Non-Member (\$399)
- ☐ Non-Member, previous attendee (\$349)

Payment Method:

- ☐ Check or Money Order Enclosed (make payable to NYSAPLS)
- ☐ Please charge my ☐ VISA or ☐ MASTERCARD

Acct #: _____

Exp. Date: ____/____ Verification Code: _____

Signature: _____

Billing Address: _____

Name as it appears on card: _____

Return this form along with payment to:

NYSAPLS, 146 Washington Ave., Albany, NY 12210

Questions? Please call, (518) 432-4046, fax (518) 432-4055

Or email, contactnysapls@nysapls.net

Course fees include workshop handouts and refreshment breaks. Lunch will not be provided, as ample restaurant options are available in the immediate area. Registrations will be processed in the order upon which they are received. Payment must be made in full upon registration. Purchase orders are not accepted. No refund will be given without written notification, and subject to policy terms. Registration cancelled 10-29 days prior to the course date will receive a 50% refund. No refunds will be granted within 10 days of the course. Schedules and presenters are subject to change without notice. In accordance with Title III of the Americans with Disabilities Act, we invite all registrants to advise us of any disability and any requests for accommodations to that disability.



About the presenter:

Joseph V. R. Paiva is CEO of GeoSpatial Associates LLC, a company engaged in on-line professional and technician education through its GeoLearn division.

Dr. Paiva has been a full-time consultant in the field of geomatics and general business, particularly to international developers, manufacturers and distributors of instrumentation and other geomatics tools. His special areas of interest include interface development and design for software and hardware, errors analysis and survey instrumentation of all types. He is a Registered Professional Engineer, Registered Land Surveyor, is an ACSM representative to ABET, serving as a program evaluator and is retired as team chair on accreditation visits to surveying programs, and has more than 30 years experience working in civil engineering, surveying and mapping.

His experience includes private practice, either working for engineering/surveying firms or his own. He also has eleven years of experience teaching surveying at the University of Missouri-Columbia, where he also organized and taught numerous continuing education courses for surveyors. While there, he began his first review course experience by founding a course for surveyors preparing to take the NCEES exam and the Missouri state-specific exam. His most recent achievement has been in the development and teaching the New York state-specific exam, resulting in an unqualified success as demonstrated by greatly increased passing rates on this exam, and reduction in the number of repeat attempts required by course attendees to pass it.

His other industrial experience includes product development and business general management, marketing, manufacturing and support activities at Sokkia Technology, Inc. where his work included pioneering work on the SDR series of data collectors, Trimble and Spatial Data Research.

Welcome New NYSAPLS Members

Patrick Corless, Jr., New Haven, CT - Affiliate Member
 Douglas W. Dickerson, Canastota, NY - Associate Member
 John H. Dippel, Kingsont, NY - Affiliate Member
 Sean Flanagan, Fort Edward, NY - Student Member
 Ben Hjort, Canisteo, NY - Student Member
 Dustin H. James, Geneseo, NY - Student Member
 Mac Kiely, Crown Point, NY - Student Member
 Joseph H. Mandell, Buffalo, NY - Associate Member
 Ryan May, Rochester, NY - Student Member
 Daniel J. McCarthy, Saugerties, NY - Intern Member
 Ryan McGowan, Willet, NY - Student Member
 Peter Miller, Conesus, NY - Student Member
 Andrew Moncrief, Lowville, NY - Student Member
 Michael Morehouse, Hyde Park, NY - Student Member
 David M. Parrinello, PLS, Canandaigua, NY -
 Regular Member
 Taran J. Pashow, Liverpool, NY - Student Member
 Brandon Pierce, Redwood, NY - Student Member
 Ryan Reagan, Cortland, NY - Student Member
 Stephen Schwalm, Rochester, NY - Student Member
 Zachary P. Scordo, Watertown, NY - Student Member
 William Smith, Binghamton, NY - Associate Member
 Jeff Teachout, Baldwinsville, NY - Student Member
 Keenan Underriner, Cazenovia, NY - Student Member
 Noah Walburger, Alfred, NY - Student Member
 Daniel C. Wheeler, PLS, Saratoga Springs, NY -
 Regular Member
 Bryan J. White, Bergen, NY - Associate Member

NYSAPLS job postings online

Are you looking for a surveying job, or looking to hire someone for the spring or summer months? Are you interested in buying a land surveying business, or have one you wish to sell? Check out the newest job listings and classifieds in the Career Center found on our website, www.nysapls.org.

Congratulations New Licensees!

NYSAPLS would like to congratulate the following individual(s) who have been granted the title of "Land Surveyor" as an official licensee in the state of New York:

Matthew A. Borst	50903	Coram, NY
Brian Drucker	50907	Commack, NY
Peter Dyal, II	50908	Newtown, PA
Paul R. Greco	50913	Staten Island, NY
George D. Langberg, III	50911	Harriman, NY
John W. McCord, Sr.	50904	Bayville, NJ
Scott E. Measday	50910	Webster, NY
Peter J. Moore	50914	East Brunswick, NJ
Justin M. Roloson	50909	Penfield, NY
Joseph T. Seccafico	50906	Hampton Bays, NY
Jonathan J. Verderber	50912	Lake Katrine, NY
Michael C. Vetere	50905	Saugerties, NY
Jamie C. Wolcott	50902	Palmyra, NY
Fidel Gonzalez, Jr.	50916	Bethlehem, PA
Joseph J. Rhodes	50917	Sayre, PA
Michael S. Snyder	50915	Medina, NY

All new licensees are granted a complimentary 1-year NYSAPLS membership and were invited to attend the New Licensee & Scholarship Luncheon at the NYSAPLS 55th Annual Surveyors Conference and Exhibition in Rochester, New York.

NYSAPLS Bookstore

Looking for a gift of r an associate, boss or friend? Want to add to your survey library? Studying for a licensing exam? We can help! Visit our bookstore online for the latest listing of over 100 titles to choose from at www.nysapls.org.



Call to order and roll call

The meeting was called to order at 7:10 pm by President Boddecker with the following members present:

Association Officers:

President	Steve Boddecker
Executive Vice President	Joseph Malinowski
Vice President	Gary Thompson
Treasurer	excused
Secretary	Daniel Marvin
Executive Director:	Patricia Brooks

Directors:

Allegheny Plateau	(none present)
Black River	Robert Snyder & Stephen Gracey
Catskill	(none present)
Central	Proxy – Daren Morgan
City	Proxy – Malcolm Shaw
Delaware-Hudson	(none present)
Eastern	(none present)
Genesee Valley	Robert Hatch
Long Island	(none present)
Mid-Hudson	Proxy – Richard Brooks
Mohawk Valley	(none present)
Nassau Suffolk	Proxy – Malcolm Shaw
Niagara Frontier	(none present)
Northern	Robert Marvin
Southern Finger Lakes	Proxy – Gary Thompson
Southern Tier	Rodney Carey
Queensboro	Malcolm Shaw
Westchester Putnam	Stephen Miller

Trustees: Patricia Brooks, Daren Morgan, Ed Summerhays, Malcolm Shaw, Glennon Watson

Member guests: Ken Slaughenhoupt, Rosiland Carey **Guests:** None

Staff: Amber Anderson & Heather Firetog

I. Appointment of Tellers Committee

Steve appointed Richard Brooks and Daren Morgan to the Teller's Committee.

II. Consent Calendar

A motion by Rodney Carey, and seconded by Robert Hatch, and passed to accept the consent agenda. Items on the agenda included approval of the September 2013 minutes, Treasurer's Financial Report, Membership report, Conference Committee minutes, and Education Committee minutes and Legislative Committee minutes.

III. President's Report

- Handed in his last President's Corner.

IV. Executive Vice President's Report

- Going to attend New Hampshire's Surveyors Conference in December

V. Association Operation's Report

- Gearing up for the Conference.
- Great Fall workshop, with many attendees looking for Railroads 102.
- November's ESS is out.
- Membership dues are still coming in.

VI. Committee and Industry Liaison reports

- NSPS – Mr. Shaw reported that he was attending NSPS meeting the week of November 18th with Glenn & Patti.
- Education – Mr. Malinowski reported that the committee had met earlier today and they discussed the final grid for the conference. They are looking ahead to the Spring workshop with Milton Denny and possibly another Fall workshop on Railroads. Also starting to look at ideas for the 2015 Conference
- Legislative – Mr. Morgan reported that the committee had met on the 1st of November and decided to stay at 24 CEU's. That they are going to work with State Ed to expand the topics for CEU's. The LS definition bill is on hold this Legislative session but they are going to try and get a 2 year secondary educational requirement for Land Surveying.
- Conference – Ms. Anderson reported that the committee had met yesterday and worked with the hotel and convention center to finalize the plans. Niagara Frontier is going to host the 2016 Conference. The committee is looking for ideas to get host regionals for the Conferences.
- Nominations – Mr. Watson reported that no new names had been submitted.

VII. Unfinished Business

- None.

VIII. New Business

- Northern is trying to raise funds to do a 12" x 18" bronze plaque in memory of Creighton Fee to be placed at Paul Smith's College. Your donations can be made to "NNYALS CC Fee Memorial Plaque Fund" and sent to the attention of Robert Kraatz, Treasurer, 2 Payeville Lane, Saranac Lake, NY 12983.

IX. Tellers Committee

The tellers committee reported 12 of the 18 ballots were received and counted with a unanimous vote for the following officers to serve on the Executive Board for the year 2014:

President	Joseph G. Malinowski, LS
Executive Vice President	Gary L. Thompson, LS
Vice President	Gregory J. de Bruin, LS, PE
Treasurer	Daniel E. Marvin, LS
Secretary	Kenneth M. Slaughenhoupt, LS

With nothing further to discuss, the meeting was adjourned at 8:06 pm with a motion by Rodney Carey and seconded by Robert Snyder.

Respectfully submitted: Daniel Marvin, LS, Secretary.

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As of December 31, 2013, this list represents those corporate members who have renewed for the 2013-14 year.

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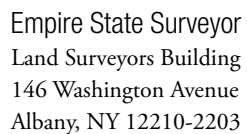
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