

Cleveland Surveying News

August
2009

- **Make-Up CPD Seminar, Aug.27**
- **Fall CPD Seminar Subscription!**



Cleveland Chapter of PLSO

**P. O. Box 81713
Cleveland, OH 44181-0713**

Volume 8, Issue 5
Circulation: 215 issues

Editor: Robert Hoy, P.S.
Proof: John G. Hoy, P.S.
Website: Rob Krause, P.S.

2009 Advertising Rates:

Full page: 9.8"h x 7.3"w \$400 yr.
One-half page: 4.8"h x 7.3"w \$200 yr.
One-sixth page: 3"h x 3.6"w \$80 yr.
Single Issue Full Page: \$100

Help Wanted or Position Wanted up to one-half page is \$30.00 per issue.

Contact: Robert Hoy, k666@cox.net

All photographs © Robert Hoy unless stated otherwise.

Contents

Features

Make-Up CPD Seminar Announcement	5
Fall CPD Seminar Subscription Info	7

Meetings

Excom. Meeting Highlights	11
Golf Outing Photos	20

Articles

Random Lines by John Dailey	9
Stories from the Past... (Presidents)	13
G.I.S. Layers by Joshua Appleman	15

Reports

Editor's Notes	4
President's Message	6
Communication	11
Secretary - Excom. Meeting Minutes	16
2011 Conference	17
Delegate	18

Miscellaneous

Hofmann Thank You	19
Chapter Calendar	19

ADVERTISER INDEX

3	Precision Laser & Inst.	6	Jake's Stakes
8	Avatech Solutions	10	Imaginit Technologies
12	Leica Geosystems	13	Aerocon Photogrammetry
14	City Blueprint of Toledo	17	Roberts Surveying Supplies

2009 Executive Committee

President	Timothy J. Feller	440-585-9800	timf@mcsteen.com
President-Elect	Michael A. Straub	440-333-1700	mikes@straubsurveying.com
Past President	Peter D. Zwick	440-235-2729	zwick@eng.ohiocoxmail.com
Treasurer	John J. Bischof	440-439-1999	bischof@cvelimited.com
Secretary	Michael A. Ackerman	216-642-1130 x115	mackerman@dgbassoc.com
Delegate	George A. Hofmann	440-234-5544	george_hm@ameritech.net
<u>Trustees</u>			
Communication	Robert G. Hoy	216-389-7677	k666@cox.net
Education	Robert A. Papotto	440-934-7878	bobpapotto@wideopenwest.com
Program	Eric W. Short	440-366-9618	shorte@windstream.net
Membership	Sean T. Snezek	216-970-0752	sneezeman21@yahoo.com



Precision Laser & Instrument, Inc.

WWW.LASERINST.COM



**24 Month 0% Interest
Financing Available**



CLEVELAND
888-714-GPS3
CINCINNATI
888-714-GPS2
COLUMBUS
800-714-GPS1
PITTSBURGH
724-266-1600

Editor's Notes

Our summer hiatus is almost over, soon we'll be back to PLSO business. There are still warm weather activities coming up through September such as festivals and art shows. The cover photo is of some of the entertainment at the Akron Arts Expo that was held July 25-26 at Hardesty Park in Akron.



From time to time I showcase surveying and Cleveland related web pages in this section of the **CSN**. This month I have two web page links that are general hot news issues. Check these out if you wish, and maybe even discuss what you find at our August and September CPD seminars! All interesting information.

www.SaveOurAccess.com

This website illustrates part of O.D.O.T.'s planned innerbelt redesign project: www.innerbelt.org as it pertains to proposed elimination of some on and off ramps through downtown Cleveland. I saw this website on a banner by one of the businesses that would be affected by elimination of freeway access.

www.OpenSecrets.org

Healthcare reform debate is a very hot topic this month. This website was mentioned on NPR (national public radio) radio 90.3. This site tracks lobbying activities and donations. You can track which companies or industries are donating to which politicians. You might find some eye opening information!

I'm enjoying reading Cleveland Surveying News very much. Great stuff!

Cheers,

Bill Barrow
(of the Cleveland Memory Project
www.ClevelandMemory.org)

CSN Emails

Have information to share? Or let us know how the newsletter is doing or get on our newsletter notification list by emailing the editor: k666@cox.net

Feel free to forward this newsletter or its address location to surveying personnel you know in and out of PLSO, including those that are not working.

PLSO Fall Seminar: October 8 & 9

The Fall Seminar is coming to the Warren area this fall, which is only a 75 minute drive from the center of Cuyahoga County. Official seminar information is starting to show up on the PLSO website at: www.ohiosurveyor.org/seminar.html Only the registration form is available as of this writing, so check the State PLSO web page for updated information including course descriptions and speaker biographies.

This State PLSO Executive Committee meeting will take place at the fall seminar this year. If you haven't attended one of these Executive Committee meetings, this is an ideal chance to sit in and see how PLSO takes care of business.

Make-up CPD Seminar!

The June CPD seminar that was canceled is being made up this month:

Thursday August 27th 5:30-7:30 PM, 2 PDHs

Cost: Free (see below for details)

Pizza and soft drinks provided by the Chapter



Eric Short
Program Trustee

Schedule

5:30 - Tom Snezek, P.S. of the Cuyahoga County Engineer's Office

Updates and data base modifications to the County's existing CRGS monumentation system and a look into how the data will be provided through the County's CEGIS mapping system.

6:30 - Dave Conner, NGS Task Force Chairman

Update and introduction to the Ohio's and the NGS "Height Modernization" program, also updates on GPS and CORS developments.



Dave Conner
of NGS



Tom Snezek, P.S.

Cost: Free
PLSO Members Only,
Reservations Required.

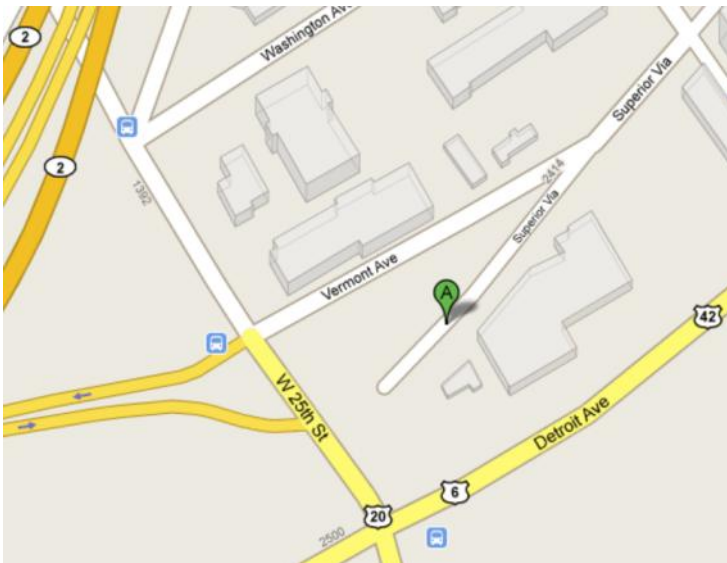
Room Capacity: 50 persons

The 25 members who paid for the *Spring Seminar Subscription* will fill the first 25 seats, but *please confirm you will if you will attend by contacting Eric Short.*

The other 25 seats will be filled as reservations are made.

Make Reservations by
Wednesday August 26th

Contact Program Trustee:
Eric Short 440-366-9618
shorte@windstream.net



[Click Here](#) for a full map page to the seminar.

Location:

**Cuyahoga County Engineer's
Test lab Facilities at 2433
Superior Viaduct, Cleveland**
free parking with
security camera surveillance

President's Message

Summer is fast coming to a close and it feels as though it never started, both from a weather and work perspective. Weeks of low humidity and temperatures barely cresting 80 degrees mirror our anticipation of the typical summer workload of long hours and Saturday work that just didn't happen this year. In my office I have kept considerably busy filling in for those positions that had been vacated due to layoffs. The middle of July seemed to kick it up slightly, at least the quotes, unfortunately I have found myself competing with the laid off surveyors that also need work. This is not so much as a gripe, but a common result of slow economic times. Some survey firms will be minimally affected by this slowdown, while others may end up being a part of history, and even still others will find new opportunities.



Timothy Feller
President

As the economy slowly heats up, which it will, many of the unemployed will be called back to work. Many will go back to a firm and the security of benefits and somewhat consistent work hours, and others may remain independent and thrive on the crazy irregular hours necessary to float a fledgling business. Whatever choices one makes, we live in a very resilient country and just as the economy will recover, we as surveyors will recover as well. In the mean time let's give thanks for the run we had and prepare for the next one ahead.

Timothy Feller, P.S.
Chapter President

Jake's Stakes

AMISH MADE

7370 Camp Road Homerville, Ohio

SURVEYING and CONSTRUCTION STAKES

High quality, light colored, HARDWOOD and smooth

MARKER STAKES

Bundle of 50	
18" x 1 5/8" x 1/2"	\$0.18 ea
24" x 1 5/8" x 1/2"	\$0.20 ea
30" x 1 5/8" x 1/2"	\$0.25 ea
36" x 1 1/2" x 7/16"	\$0.28 ea
48" x 1 1/2" x 7/16"	\$0.36 ea
48" x 7/8" x 1/2"	\$0.24 ea

SQUARE HUBS

Bundle of 25	
12" x 2" x 2"	\$0.24 ea
18" x 2" x 2"	\$0.32 ea
22" x 2" x 2"	\$0.36 ea

WEDGES HUBS

Bundle of 50	
22" HUB MARKER	\$0.13 ea/Bundle of 100
9"	\$0.13 ea
12"	\$0.15 ea

METAL REBAR RODS

30" x 5/8" 20 per bundle Call for \$

■ ■ ■ ■ ■ ■ ■ ■ ■ ■
NO ORDER TOO
SMALL or TOO
FAR
LARGE INVENTORY
 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

**ORDERS FILLED
RAPIDLY!**

**FREE DELIVERY ON
LARGE ORDERS**



IF WE DON'T HAVE IT - WE MAKE IT!

DELIVERY AVAILABLE : CALL Dwight at Spencer Feed & Supply 330-421-2596

*** WE DELIVER ANYWHERE * WE DELIVER ANYWHERE * WE DELIVER ANYWHERE ***

Fall CPD Seminars

[Cleveland Surveying News - August 2009](#)

Airport Marriott

September 3, October 1, November 5
Registration 5:30, Dinner 6:30, Speaker 7:00

**Sponsored by the Cleveland
 Chapter of the Professional
 Land Surveyors of Ohio**

September 3

Speakers: Bruce L. Robinson, P.S., P.E., & Joshua Appleman, GISP - 1.5 PDHs

Topic: Understanding G.I.S. Technologies

Meal: Chicken Piccata

PLSO Members \$35.00 Non-Members \$60.00

October 1

Speaker: John Greenhalge - 1.5 PDHs

Mr. Greenhalge is the executive director of the Ohio State Board of registration for Surveyors & Engineers

Topic: John will speak on topics or questions we provide him with before the seminar. Give your State Board questions or issues to be clarified to Program Trustee Eric Short 440-366-9618 or email

shorte@windstream.net. Meal: Roast Sirloin

PLSO Members \$35.00 Non-Members \$60.00

November 5

Speaker: Alicia A. Silverio CFM - 1.5 PDHs

Ms. Silverio is a certified floodplain manager with the floodplain management division of Water Resources of the Ohio Department of Natural Resources (ODNR)

Topic: Uses and applications of elevation certificates, and they pertain to lenders and agents. Flood plain regulations.

Meal: Chicken Marsala

PLSO Members \$35.00 Non-Members \$60.00

Subscription to all three [Fall 2009](#) Seminar Meetings:

*PLSO Members only, in advance...~~\$90.00~~ **\$75.00 Price reduced for this Fall only!***

Fall 2009 CPD Seminar Meetings Subscription Form

Sponsored by the Cleveland Chapter of the Professional Land Surveyors of Ohio, Inc.

Registration is required in advance.

Deadline for registration for the March meeting or the *Spring Subscription* is **Tuesday September 1st.**

Total Amount Enclosed: \$_____

Name(s) _____ Phone Number _____

Email _____ Address _____

Company _____ PLSO Member ? Yes No

Make checks payable to:

Cleveland Chapter of PLSO

Mail to:

**Eric Short, PLSO Program
 817 Sandlewood Drive
 Elyria, OH 44035-1829**

www.PLSO.com

Autodesk Technology. Avatech Expertise. Better Results.

- Consulting
- Implementation
- Surveying Technologies
- Training and Technical Support
- Software and Custom Development



Technology for the World You Build

- Increase production without additional staff
- Reduce cost, rework, redundancies, and errors
- Proven results to increase your bottom line

What can our solutions do for you?

Call our Cleveland office at **877-717-5600** to find out more.

Leica
Geosystems



AVATECH
SOLUTIONS®

Altogether Smarter Design.

Autodesk®

Authorized Value Added Reseller

www.avatech.com

RANDOM LINES

by John E. Dailey, P.S.

Every now and then we, as professionals, are called upon to put our signature, seal and livelihood on the line by signing a certification involving a survey project we have been involved in. These come in many sizes, shapes and forms, but they all have one thing in common: they are produced to make you take responsibility for what you have done. We have all received the two or three page typewritten certification from a law firm with the admonition to "change nothing in this certification." When I see that, I automatically reject it and start re-writing my own.

Certifications serve different purposes for different people in the property transaction. The owner wants the job done, the lender wants the Surveyor to protect the lenders investment, the attorney wants the client completely protected, the title company wants to shift the burden of liability for everything to someone else and the Surveyor wants to protect his or her assets. These desires are pretty far apart but the differences are not insoluble if everyone understands and follows the rules.

The Surveyor can certify to fact only, not opinion. The Surveyor can tell you exactly what was seen in the field and what was found in the records. They cannot and should not certify to anything under the surface of the ground unless the client is willing to pay for having every square inch of land dug up from the surface to the center of the earth. The Surveyor can identify and certify the location of whatever is on the surface, including manholes and catch basins, but not exactly how they connect. The Surveyor may list the utilities available to the site but not that "all utilities necessary for this building are available."

In the area of zoning, the Surveyor can only report on the zoning in effect at the time of the survey. They may be able to ask the community if any special use permits have been issued for the property or if the Zoning Board of Appeals has over ridden the zoning code. It is not the Surveyor's responsibility to determine if the property owner is complying with all the zoning laws or the occupancy/use permit.

Flood plain statements are another new buzz phrase in the real property world. Here, the owner, lender, buyer, title company and attorney wants the Surveyor to guarantee that the parcel of land lies either within or without a specific flood plain area. The Surveyor can report the "apparent" flood zone according to the Flood Insurance Rate Maps published by the Federal Emergency Management Agency. These are the same maps used to establish the flood insurance rates. If that is not acceptable, the next step would be to perform a full topographic survey, conduct a flood plain study and an analysis of all past records dealing with possible flooding in the area. The preparation of an elevation certificate is time consuming and expensive.

The surveyor cannot certify to the presence or absence of hazardous wastes or to environmental issues. The surveyor's license does not cover these areas nor does the surveyor's liability insurance. The Surveyor can say the "there are six rusty barrels leaking a green liquid on the site" but not what that liquid is. Environmental issues are a separate science and the owner, title company, attorney or lender should find a qualified environmental engineer or chemist to certify to these items.

Wetlands are another bug-s boo. The late Bob Brower once said that "if it is wet, it is wetlands. If it is dry, it could be wetlands." That is an oversimplification, but close to the truth. A surveyor can locate the wetland areas delineated by someone qualified to make that determination and place that information on the plat with an accompanying note saying who delineated the wetland areas. Again, the surveyor's state license does not cover wetland identification.

Often times the attorney, lender or title company will send the Surveyor a certification that has the Surveyor taking responsibility for everything in the world. I have received a great many of these, most



John E. Dailey

[\(Continued on Page 10\)](#)

RANDOM LINES

[Cleveland Surveying News - August 2009](#)

(Continued from Page 9)

of which I would revise to something I am comfortable with. This often causes heartburn with some lenders and their counsels, but if you take the time to explain why their certification is not acceptable, they will usually back down. The paralegal is usually the hang up. They feel that the certification should be signed and not changed, I would usually ask for the lead attorney, explain the situation and what I am willing to certify and they would understand the situation.

I, as a professional, must be satisfied with what I am certifying to and must be satisfied that I am taking on no more liability than I have contracted for. I must be scrupulously honest in what I say and do and should be willing to certify what I am sure of and what I am legally licensed to do. As I said earlier, the Surveyor must certify only to fact and to what is known beyond a reasonable doubt, not to opinion or what someone else wants the Surveyor to certify.

There was a pamphlet published in 1989 by the architect/engineers "Pro Net" called "CERTIFICATIONS. THE OWNER IS ON THE PHONE, AND THE LENDER NEEDS THOSE PAPERS SIGNED NOW!" that speaks well to the certification process and the problems involved. Although it is directed towards architects and engineers, the basis is well taken for all professions. It discusses risk and profit, time and pressure, suggested alternatives and sorting through the issues. It basically says what I just said, speak only to what you know, what you are legally licensed to and explain the situation to the client/lender in the clearest possible terms.

I advise the surveyors I speak to not be afraid to hold their ground. If they are honest and correct, they do not have to back down.

[John E. Dailey](#), Past



CIVIL 3D FOR SURVEYORS

The training you need from IMAGINiT – The Strength behind the Solution

Finally, the survey software and training you've been waiting for.

Your civil engineering department or the firms you survey for have already switched to Civil 3D. Life would be easier, and your time would be more productive, if you could take advantage of it too. We have the class that will take you through the steps of a typical survey workflow: field to finish – designed by surveyors for surveyors. You will receive a certificate that you may use for Professional Development Hours.

Need AutoCAD Civil 3D or Map 3D software? Need help getting started? We've assisted one-man firms and ENR 100 firms, as well as city and county engineers throughout Ohio. With over 100 engineers, surveyors and Autodesk certified instructors, IMAGINiT delivers valuable training and implementation programs designed to empower your team.

Contact Kristen Hannan or Len Horowitz to get started.



A RAND Worldwide Company

The largest ATC provider in North America





Authorized Training Center

www.rand.com/imaginit • Cleveland office: 216-834-8300

Training . Implementation . Software Development . Consulting . Data & Document Management . Asset Management . Design Visualization . Support

Executive Committee

[Cleveland Surveying News - August 2009](#)

Meeting highlights

August 10, 2009 Parma City Hall.

In attendance: All officers, Jack Hoy, John Hoy, Tom Snezek and John Dailey.

Chapter Delegate: George Hoffman reported the state is asking that anybody with information on soil scientist doing survey work submit it to the board.

Treasury: John Bischof submitted written reports for May, June and July 2009

Communication: Bob Hoy reviewed the newsletter and advertisers.

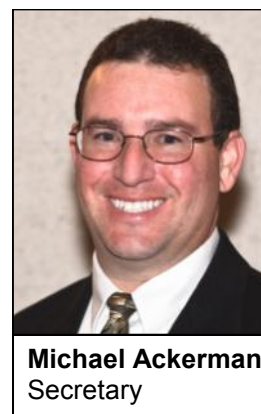
Education: Robert Papotto updated the status of the Cleveland PLSO Scholarship and the Trig-Star program. The scholarship application form is waiting final review. Cleveland PLSO chapter by-laws will be amended to create the scholarship selection committee.

Membership: New ideas were discussed to increase membership.

Program: Eric Short reminded everyone of the make-up seminar on August 27. A suggestion was made to offer a reduction in price for the upcoming classes.

New ways to promote land surveying were discussed.

The current officers and past presidents have been appointed by President-Elect Mike Straub to be on the nominating committee for the upcoming chapter elections.



Michael Ackerman
Secretary



Robert Hoy
Communication
Trustee

Communication Report

Last month Issue 1b of the **Cleveland Land Surveyor** publication was mailed to 25 building departments located in Cuyahoga and Lorain counties. The last round of mailings of Issue 1 will happen near the end of August and will have gotten the CLS into the hands of about 65 building departments. The goal of the **Cleveland Land Surveyor** is to bring attention to our profession. Please let me know if you have ideas to promote Land Surveying to the public in a manner that might help businesses in our Chapter area.

I have received payment from all eight newsletter advertisers for 2009. You'll notice the CSN continues to evolve and have its layout updated. Lastly I'll need a new "Stories from the Past" for next month's CSN, so past chapter presidents delve into your fond surveying memories and send me a story to share with everyone!

PLSO Fall Seminar: October 8 & 9

Official seminar information is starting to show up on the PLSO website at:
www.ohiosurveyor.org/seminar.html

The "early bird" discount deadline is September 11, so don't delay!

www.PLSO.com

Total solutions from the leader in laser scanning

Leica ScanStation 2 Leica HDS6000

Leica CloudWorx

Leica Cyclone II-TOPO

With Leica Geosystems' market-leading 3D laser scanning technology, success and profitability are within your reach. Are you scanning yet?

■ **Industry's most versatile, popular & fast scanners**

ScanStation 2 is the industry's most versatile, popular and fastest scanner for general topographic, as-built and quantity surveys. For close-range as-builts, nothing beats the compact, ultra-fast Leica HDS6000 phase scanner. Cyclone software drives them both.

■ **Comprehensive, efficient software**

Cyclone™ and CAD plug-in CloudWorx™ are industry standards for quickly processing rich laser scan data into any type of deliverable.

■ **Easy-to-learn**

Leica Geosystems newest High-Definition Surveying™ solutions are field-friendly, CAD tech-friendly, and client-friendly ... making it easier for all to profit.

■ **Industry's broadest support resources**

You not only benefit from Leica Geosystems' deeper staff resources, but also from the scanning industry's largest and most active user network.

For more info, visit www.leica-geosystems.us
or call 1-866-920-2300 x 2374

- when it has to be right

Leica
Geosystems

www.PLSO.com

Stories from the Past... (Presidents)

[Cleveland Surveying News - August 2009](#)

SURVEYING HISTORY

I really loved to hear the stories passed out by the „Old Timers’ when I first entered this profession. Old timer John would often recite the difficulties of lugging all the surveying equipment they needed each day back when their transportation was on streetcars. Oh, you know, those cars with steel wheels and a trolley that rolled along tracks while attached to an overhead electric source. You didn’t want to get stuck when driving near those trolley wheel tracks on snowy, icy days.


And there often were stories as to just *how cold it actually was* during those early surveys. My own experience in that line was the construction staking for Winton Place on Lakewood’s “Gold Coast” back in the 50’s. It was **so** cold then that we had to drive a steel log splitter thru the frozen ground before an oak hub could penetrate the surface. And the freezing below-zero degree wind off Lake Erie all the way from Canada made us dream of warmer climates. (I now live in one.) And of course thermal underwear was then unknown.

Sharing during the „Great Depression’ didn’t often refer to the inter-machinations of different surveying companies. We employees were often admonished to keep everything confidential and secret from *everyone*. Especially competitors. I was on a crew one day measuring (we did that then with a steel tape, thermometer, spring balance and plumb bob) along a railroad track when another survey crew came toward us measuring the same track in the opposite direction. Both crews continued measuring past each other without even speaking! Now that’s confidential! And it wasn’t even cold.

Surveying has changed so much. When I sat for the professional surveyor’s exam I was the only one there using logarithmic tables to do my calculating. The others were using portable mechanical calculators. Electronic calculators were still in the future. When I purchased my first electronic (the first electronic Frieden) it was larger than a typewriter, cost \$3,000 and had no other features other than it could remember three additional registers, add, subtract, multiply and divide and make very little noise. Mechanicals made a lot of noise. And the salesman wanted an additional \$90 for a square root key. (I didn’t get it.)

I loved the experience of contributing to Cleveland’s development and the memories of the beginning of a viable professional surveying organization. This and the camaraderie of so many good friends keeps this old surveyor humble and happy.


Wil Dempsey, dempswill@deccacable.com



Aerocon Photogrammetric Services Inc
Dedicated to providing quality photogrammetric services since 1967

- **Aerial Photography**
- **Digital Orthophotography**
- **Digital Topographic Mapping**
- **Analytical Triangulation**
- **DTM/DEM Surface Generation**
- **LIDAR**
- **Airborne GPS**
- **GIS Services**
- **Volumetric Inventories**

4515 Glenbrook Road
Willoughby, OH 44094-8215
440.946.6277
440.946.2646 Fax
e-mail: skymap@aerocon.com
www.aerocon.com



Your
Complete
Source



Sales • Service • Rental • Leasing • Training • Support

 **Trimble**



SOKKIA



SCHONSTEDT
INSTRUMENT COMPANY

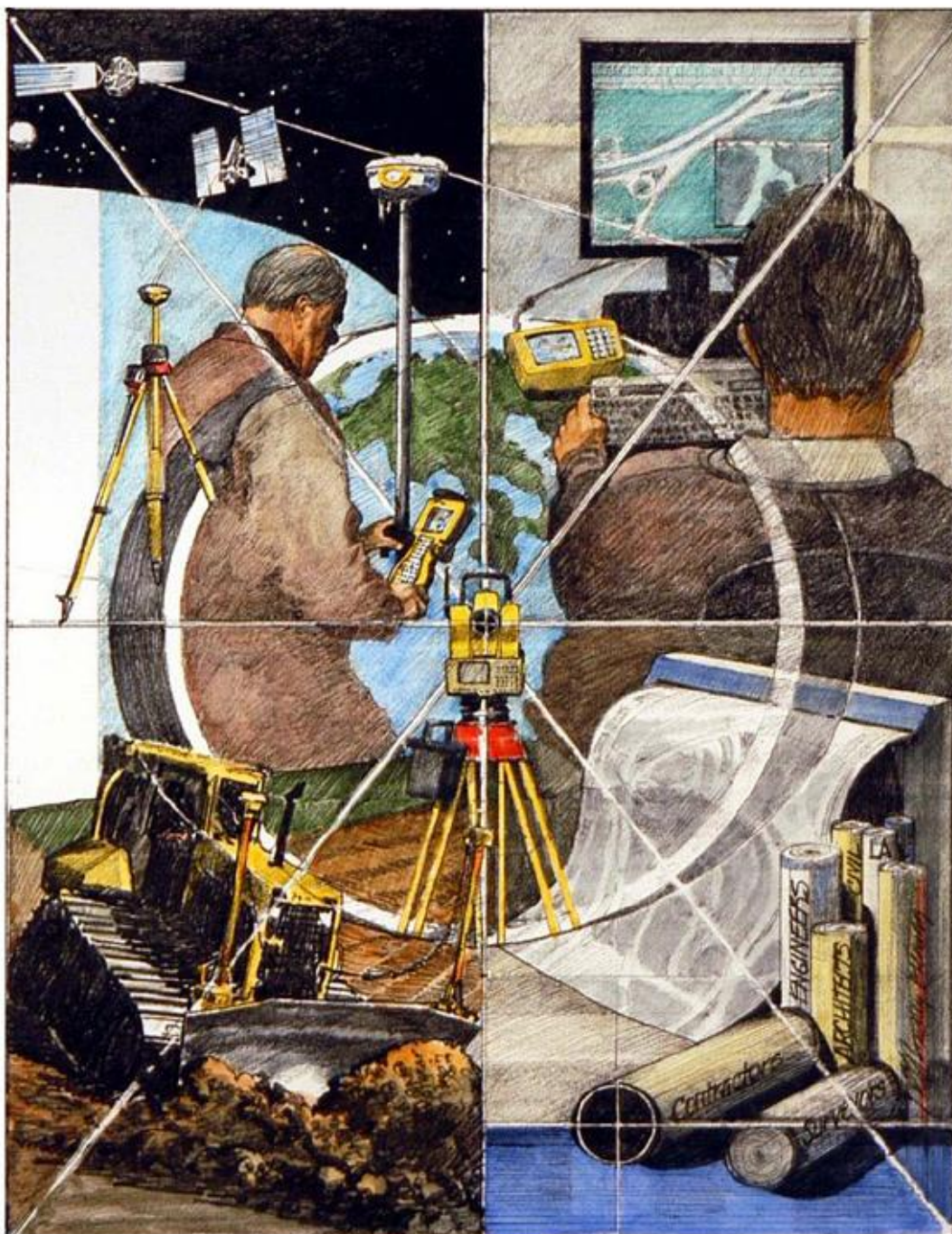
Lufkin®

CRAIN®



ROLATAPE®
CORPORATION

CST



2010 Madison Avenue - Toledo, OH 43604

Tel: (419) 243-7271 Fax: (419) 243-6418 Toll Free: 800-548-1503

E-Mail: cbt@cityblueprintoftoledo.com

www.PLSO.com

G.I.S. Layers

By Joshua Appleman, GISP
jappleman@blrobinson.com

Leveraging Your Investment in GIS

Three questions typically arise from a surveyor wanting to become involved in Geographical Information Systems (GIS).

The first question that you should ask is "Why adopt GIS into my daily work"? My response to this fundamental question would be why not? Currently, nearly every local, state and federal government agency is either using GIS or implementing GIS...at least to some degree. In fact, ESRI, a leading provider of GIS Software is becoming a "software standard" used by state and local governments nationwide and is used by more than 24,000 state and local governments around the world including world-class cities such as Paris, Beijing, Kuwait City, among others.

For additional information on cutting edge deployment of GIS in markets around the world, visit www.esri.com/company/about/facts.html. Given the state of our current economic situation, now is the perfect time for surveyors to explore how GIS technology creates an opportunity to complete their work accurately, efficiently, and positions end users to do their jobs better on all levels.

While many surveyors already have long standing relationships with multiple local governmental departments in their region of the United States, the next question to consider is how to move forward with GIS technology?

It should be noted that not all surveyors have a background in GIS, and are often reluctant to "jump in with both feet wet" expecting GIS to work like magic. Instead, individuals must first understand what GIS is and what adopting GIS entails.

"One of the best ways to do that is to dip your toe in first- take some classes, attend some conferences, and look for other resources to learn about GIS" says Joseph V.R. Paiva, PhD, PS, PE, a contributing editor to *Point of Beginning Magazine*. Where do I begin and how do I learn more?

Cleveland Surveying News - August 2009

While adopting a state-of-the-art GIS program, I highly recommend future users of GIS to do a number of things; all aimed at achieving greater success.

- First, get involved! Ohio has many great organizations to learn more about GIS and offer the opportunity to network with others who have successfully utilized GIS technology. Some of these organizations include: the Urban and Regional Information Systems Association (URISA), the Ohio chapter which meets on the last Monday of every month at 11 a.m. at the ODOT headquarters located in Columbus, OH. You can find URISA online at www.ohurisa.org Also investigate attending a future Ohio Geographically Referenced Information Program (OGRIP) meeting which convenes immediately after the URISA Ohio Chapter meeting at the ODOT headquarters in Columbus, OH. ogrip.oit.ohio.gov And another active group in this arena includes the Northern Ohio GIS Users Group. To learn more about the NOGISUG contact Chairman Dick Kotapish via email at Dick.Kotapish@lakecountyohio.gov
- In addition there is an annual Ohio GIS Conference and Trade Show scheduled on September 16-18 2009. This conference is organized by the County Engineering Association of Ohio (CEAO). This year, the conference will take place in Columbus, OH at the Crowne Plaza Hotel located on Doubletree Road in Columbus, Ohio. Educating yourself about GIS and the opportunities that exist will pay you dividends well into the future. Find your area of interest or an industry specific niche market. GIS is very industry specific and all technologies have the potential to open up into new markets as a GIS program expands. Get educated and become active in learning more about your area of interest.

Lastly, when is the right time to invest in GIS? Entering the GIS Solution industry takes time, planning, resources, training and funding. Nearly all data has a spatial component, including an address, coordinate, mile marker number, section number, x,y,z coordinate etc. Surveyors are

[\(Continued on Page 16\)](#)

www.PLSO.com

Executive Committee Meeting Minutes

May 18, 2009 Parma City Hall.

In attendance: Jack Hoy and all officers except Peter Zwick and George Hofmann. Meeting called to order at 6:07 pm.

Secretary's minutes: Executive Committee meeting minutes from April accepted as revised.

Chapter Delegate: No report.

Treasury: John Bischof submitted written report for April 2009.

Communication: Bob Hoy reported the first issue of the Cleveland Land Surveyor has been sent out. It is a condensed version of the monthly newsletter, without advertisements, targeted to municipal building departments. Bob submitted a request for reimbursement of the newsletter supplies.

Education: Robert Papotto updated the status of the Cleveland PLSO Scholarship. The application form, deadline and selection process were discussed.

Membership: No report.

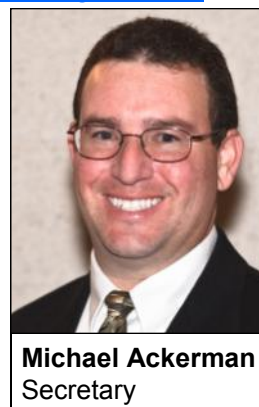
Program: Eric Short declared the May 7 seminar a success. Mark Yeager donated his honorarium to the scholarship fund. June 4, is the next general meeting to be held at PJ McIntyre's. Executive Director Melinda Gilpin will be extended a special invitation to attend the meeting. Speakers for the upcoming seminars are being contacted.

Old Business:

- The status of the 2011 Conference was updated. The Executive Director will be in town to help finalize a conference location.
- The golf outing status was reviewed.

New Business:

- Ideas for the make-up CPD seminar were discussed.
- Condolences and donation will be made to George Hofmann and family for the loss of their son. Meeting adjourned at 7:17pm.



Respectfully Submitted,
Michael A. Ackerman

G.I.S. Layers

[\(Continued from Page 15\)](#)

already familiar with this type of data in their daily workflow. In addition, GIS is an excellent planning tool for a surveyor. Combining aerial photos, boundaries, topographic maps, contours, LiDAR data, soils and wetlands, benchmark locations a surveyor can be prepared like never before ever stepping foot on the survey site. A surveyor can be a source for many milestones during data creation including setting up control for aerial photography, survey-mapping for precise elevations as well as

creating layers which can be used for engineering decisions. Getting involved in GIS is beneficial to any surveyor who wants to diversify his or her services at all industry levels including, Federal, state, local agencies and private sector.

For more information, feel free to email me at jappleman@blrobinson.com. If I don't have an answer to your specific question, I will help you find the details you need.

HIGH GRADE HARDWOOD SURVEY STAKES

DELIVERY AVAILABLE

- TOPCON DEALER
- SOKKIA DEALER
- FIELD SUPPLIES
- INSTRUMENT SALES, SERVICE & RENTAL
- GPS TECHNOLOGIES
- FIELD EQUIPMENT



ROBERTS

Surveying Supplies

WWW.ROBERTSSURVEYING.COM

5758 Ridge Road Parma, Ohio 44129

Phone (440) 842-2218

Fax (440) 842-0802

2011 Conference Committee Report

Progress has been slow on the conference planning. Because we are proposing changes to the usual format we need approval through the PLSO Program Committee. That committee has not met over the summer as it usually does but is now scheduled to meet in September. I expect progress after that meeting.

If you have suggestions for session topics or speakers, please email Program Chairman Robert Hoy, k666@cox.net



John G. Hoy, P.S.
2011 Conference
Chairman

Conference committee:

Chairman	John G. Hoy	jhoy.7419@att.net
Program	Robert Hoy	k666@cox.net
Registration	Joseph O'Donnell	joeodonnps1@sbcglobal.net
Hospitality	Timothy Feller	timf@mcsteen.com
Benefit/Auction	Michael Straub	mikes@straubsurveying.com
Facility	Ken Hejduk	kenh@hca-es.com

Delegate Report

Cleveland Surveying News - August 2009

MEETING AGENDA Friday, July 10, 2009

4.0 Unfinished Business

- 4.1 Surveyor of the Past Plaques - Barb Jones
- 4.2 Website Proposal - Paul Dinan & Melinda Gilpin
- 4.3 Soil Scientists Issues - Dean Frederick
- 4.4 Proposed Removal of PS Requirement for County Engineer - Dean Frederick
- 4.5 Statute of Limitations - Rose Coors
- 4.6 NSPS Boy Scout Jamboree Request - Mike Besch

5.0 New Business

- 5.1 New Members (See Attached List) - Bob Akins

6.0 Inter-Association Delegates

- 6.1 CEO - Dean Ringle
- 6.2 ODOT - Jim Kenyon/Brett Shearer
- 6.3 State Board of Registration - Paul Dinan
- 6.4 OGRIP - Stu Davis

7.0 Committee Reports

- 7.1 Special Committees
 - 7.11 Political Action - Brad Kramer
 - 7.12 Standards - Brad Kramer
 - 7.121 Change in Law Regarding Metes and Bounds
 - 7.122 Monumentation of Railroads
 - 7.123 Preservation of Monumentation
 - 7.124 Minimum Standards for Plat Revision
 - 7.125 GPS Standards - Jim Kenyon
 - 7.126 FEMA Flood Mapping
 - 7.13 State Line - Dean Ringle
 - 7.14 Historic Review - Mike Besch
- 7.2 Newsletter Editor - PLSO Staff
- 7.3 NSPS Governor - Mike Besch
 - 7.31 Trig Star - Paul Dinan
 - 7.32 CST Coordinator - Pat Leonhardt
 - 7.33 Geocaching Coordinator - Bob Akins
- 7.4 Standing Committees
 - 7.41 Program - Bud Payne
 - 7.411 Annual Conference Updates
 - 2009 - Central Ohio - Brad Patridge
 - 2010 - Miami Valley - Brad Kramer
 - 2011 - Cleveland - John Hoy
 - 2012 - Central Ohio - ?
 - 2013 - Cincinnati and Southwestern
 - 7.412 Fall Seminar Updates

- 2009 - Thomas Hutchins - Dan Susany
- 2010 - Firelands
- 2011 - Tuscarawas Valley - Bob Akins
- 2012 - Toledo - Pat Leonhardt
- 7.42 Membership - Bob Akins
- 7.43 Interprofessional Affairs - A. J. Myers
- 7.44 Education - Dean Frederick
- 7.45 Legislation - Melinda Gilpin
- 7.46 Finance - Paul Dinan
- 7.47 Past Presidents Council - Paul Dinan, et al.
- 7.48 Scholarship - Rion Myers
- 7.49 Scholarship Fund Board - Frank Snyder
- 7.50 Management Review - Dean Frederick

8.0 Chapter Delegate Reports

- 8.1 Askega Chapter - Jim Donathan
- 8.2 Central Ohio Chapter - Brad Patridge
- 8.3 Cincinnati Chapter - Bob Heidkamp
- 8.4 Cleveland Chapter - George Hofmann
- 8.5 Congress Lands Chapter - Isaac King
- 8.6 Firelands Chapter - Tim Riley
- 8.7 Miami Valley Chapter - Ray Payne
- 8.8 Mohican-Killbuck Valley Chapter - Jim Kenyon
- 8.9 Muskingum Valley Chapter - Rob Lowe
- 8.10 Northwest Ohio Chapter -
- 8.11 Ohio State University Student Chapter - Jon Link
- 8.12 Ohio Valley Chapter - Larry Gardner
- 8.13 Scioto Valley Chapter - George Seymour
- 8.14 Southwestern Chapter - Rose Coors
- 8.15 The Thomas Hutchins Chapter - John Francis
- 8.16 The Univ. of Akron Student Chapter - Andrew Kis
- 8.17 Toledo Chapter - Tom Silva - Pat Leonhardt
- 8.18 Treaty Lands Chapter - John Jauert
- 8.19 Tuscarawas Valley Chapter - Dave Bodo
- 8.20 Western Reserve Chapter - Jeff Mallison

9.0 President-Elect's Report - Rion Myers

10.0 Executive Director's Report - Melinda Gilpin

11.0 President's Report - Dean Frederick



George Hofmann
Delegate

Executive Committee Meeting Friday July 10, 2009

Meeting called to order 6:02

- 1.4 Quorum present
- 2.0 Secretary's meeting for May 2009 were accepted. Minutes for September, 2008 and January 2009 still to be submitted.
- 3.0 Treasurers report for April, May & June accepted
- 4.1 New plaques to be ready late August.
- 4.3 Two firms are under investigation, Additional evidence is still needed. Anybody with information on soil scientist doing survey work should submit it to the state board
- 45.1 New Members, 2 professional, 2 associate, 4 student, 1 Life membership . Motion Passed.
- 5.2 Illegal practice of surveying. Rich Kole Jr. brought to the states attention that AT&T is accepting bids from companies who do not have a Certificate of Authorization to practice Surveying in the State of Ohio.
- 6.2 Jim Kenyon reported of job postings for surveyors in District 2 and 3.
- 7.2 Newsletter deadline July 31st.
- 7.31 Trig-Star start setting up program with schools for next year.
- 7.411 Annual Conference, 2009 Columbus expecting a profit of 22,000. Approx. attendance 350.
- 7.47 Past presidents, Paul Dinan reported that the October state meeting will be held at the fall conference.
- 8.0 Chapter Delegates gave both written and verbal reports on Chapter functions
- 10.0 Melinda Gilpin reported on the dues installment plan. By now everyone should have received their dues notice.
- 12.0 Adjournment 9:04

Respectfully submitted,
George A. Hofmann

www.PLSO.com

2009 Cleveland Chapter Calendar

August 27.....**Seminar Meeting Make-Up**

September 3
September 11
September 14
September 16

Seminar Meeting
State Executive Committee Meeting
Executive Committee Meeting
Cleveland Surveying News Deadline

Executive Committee Meetings

are held at:

Parma City Hall

at 6pm and are open to all Chapter members who want to attend.

October 1
October 8-9
October 8
October 19
October 21

Seminar Meeting
PLSO Fall Seminar - Girard, Ohio
State Executive Committee Meeting (at Fall Seminar)
Executive Committee Meeting
Cleveland Surveying News Deadline

November 5
November 13
November 16

Seminar Meeting
State Executive Committee Meeting
Executive Committee Meeting

December 11
December 14

State Executive Committee Meeting (if needed)
Executive Committee Meeting (if needed)

January 8
January 11
January 12
January 21

State Executive Committee Meeting
Executive Committee Meeting
Cleveland Surveying News Deadline
Annual Meeting

Dear Fellow Surveyors

My family and I would like to thank you for your thoughtfulness, your prayers and your generosity for us in the passing of our son Ryan. It is a blessing to know that we have many friends that in our time of need have been there to support us. Ryan truly loved the game of baseball. Your donations to the Strongsville recreation department will be used to plant a tree in his memorial at the Lunn Road fields and for improvements, upkeep and equipment for their baseball program

Thank You
George, Margie, and Scott Hofmann



© 2009 John G. Hoy

Golf Outing

The final report has not been turn in yet, but it was attended by 61 golfers and 68 for dinner.



© 2009 John G. Hoy



© 2009 John G. Hoy