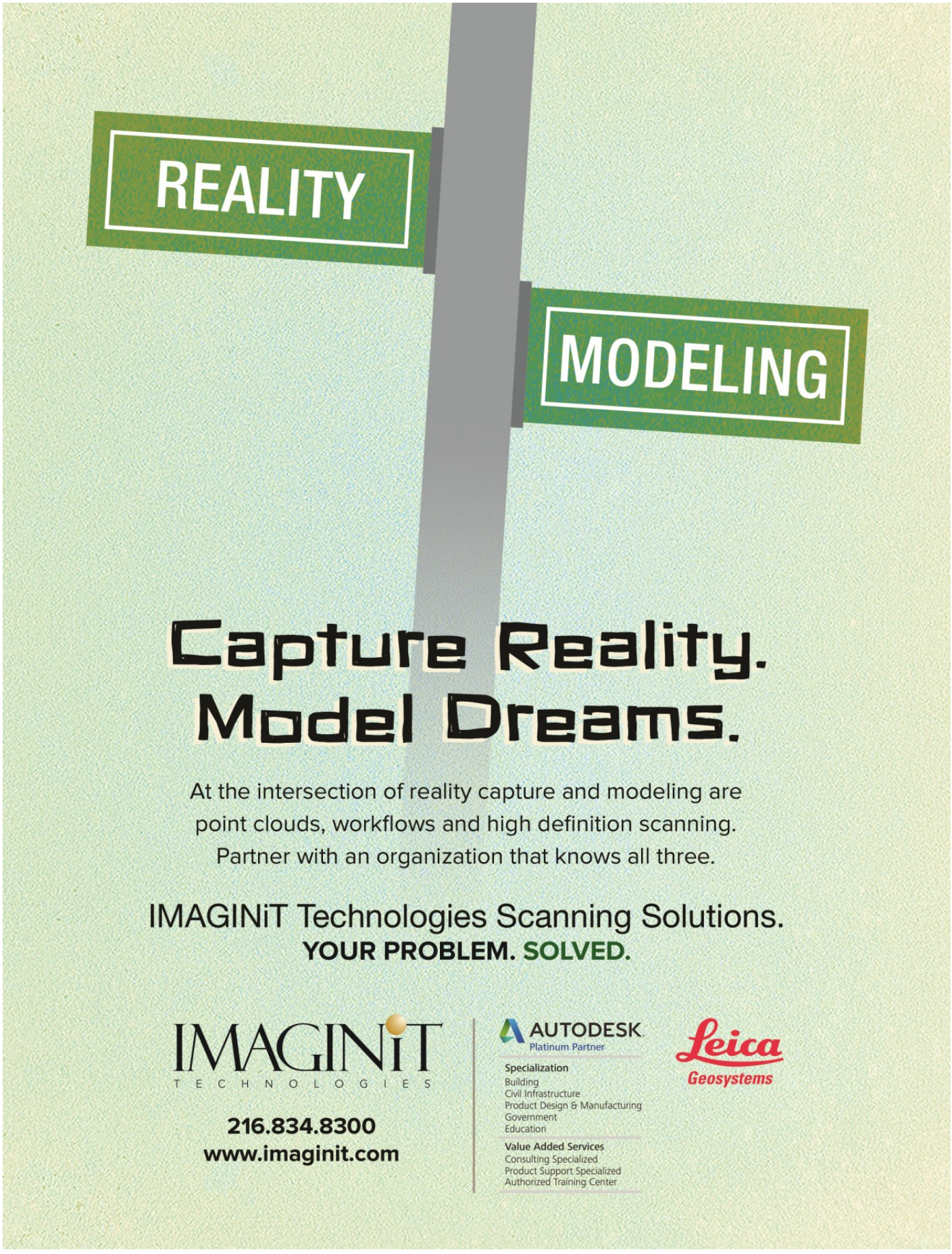
Cleveland Surveying News

January 2015

2015 Surveyor of the Year
George Hofmann, PS

- **Annual Meeting - Jan. 22**
- **2015 Officers**
- **PLSO Conference - Columbus**
- **Scholarship**
- **Toys for Tots: Surveyor Toys**


REALITY
MODELING
Capture Reality.
Model Dreams.
At the intersection of reality capture and modeling are
point clouds, workflows and high definition scanning.
Partner with an organization that knows all three.
IMAGINiT Technologies Scanning Solutions.
YOUR PROBLEM. SOLVED.
IMAGINiT
TECHNOLOGIES
216.834.8300
www.imaginit.com
AUTODESK.
Platinum Partner
Specialization
Building
Civil Infrastructure
Product Design & Manufacturing
Government
Education
Value Added Services
Consulting Specialized
Product Support Specialized
Authorized Training Center
Leica
Geosystems

Cleveland Chapter
Professional Land Surveyors of Ohio

PRESIDENT
(vacant)

PRESIDENT-ELECT
(vacant)

TREASURER
Timothy Feller, PS
timf@mcsteen.com

SECRETARY
Steven Metcalf, PS
secretaryclevelandplso@gmail.com

DELEGATE
(vacant)

PAST PRESIDENT
Robert Hoy, PS
robert.hoy7@hotmail.com

Cleveland Surveying News

Volume 13, Issue 8
Distribution: 410

Editor: (open if interested)
Publisher: Robert Hoy

Columnists:
John Dailey, PS
Peter D. Zwick, PE, PS

Cover Photographer:
Mary Pat Ellert

2015 Advertising Rates
Full page:9.6”x7.3” $400 yr
1/2 page: 4.8”x7.3” $200 yr
1/4 page:4.8”x3.6” $100 yr
Email the CSN

Cleveland Chapter of PLSO
P. O. Box 81713
Cleveland, OH 44181-0713

Features

Annual Meeting - Jan. 22 4
Surveyor of the Year Award 8
PLSO Annual Conference 8
2015 Officers 9
Toys for Tots - surveying toys 16

Meetings

March Executive Meeting 9

Articles

Surveyor Spotlight Review 10

Reports

Scholarship 9
November Executive Highlights 12
Delegate 13
Past President 14
Golf Outing - new changes 15

Miscellaneous

www.plso.info 16

Annual Meeting

Thursday January 22, 2015

Hoof and Ladder
7989 Columbia Rd
Olmsted Falls
440-235-5511
www.mooseheadrestaurant.com/hoof-and-ladder-olmsted-falls

*We will be ordering off their *Limited Menu* and pay *your bills individually*. See the menu on Page 6.

Schedule
6:00 Happy Hour
7:00 Dinner
Followed by:
- Recognition & Installation of Officers
- Surveyor of the Year Award

Reservations Required (with meal choice) by Monday the 19th:

Contact Steve Metcalf (include contact phone number):
secretaryclevelandplso@gmail.com
440-915-6928

Spouses and significant others are welcome at our most social meeting of the year, a great way to start 2015!

If you haven't been to a meeting in a while, it's time to come back. Find out what your colleagues have been doing and make new connections. Bring new hires and non-members too.

Come meet and congratulate George Hofmann, the chapter's first repeat recipient of the Surveyor of the Year award.

Photos from last year's Annual Meeting

2015 Advertising Rates

Full page:	9.6"h x 7.3"w	$400 yr.
1/2 page:	4.8"h x 7.3"w	$200 yr.
1/4 page:	4.8"h x 3.6"w	$100 yr.

Contact: robert.hoy7@hotmail.com

ADVERTISERS

2	Imaginit Technologies	7	GeoShack
5	City Blueprint of Toledo	8	Precision Laser & Inst.
6	Roberts Surveying Supplies	10	Jake's Stakes
7	Leica Geosystems	12	Aerocon Photogrammetry

CITY BluePrint
OF TOLEDO, INC.

Sales ● Service ● Rental ● Leasing ● Training ● Support

Mapping, Scanning and Surveying Solutions
Serving Ohio for over 47 years

Trimble®
Authorized Dealer

3455 Briarfield Blvd – Suite D
Maumee, OH 43537
Tel: 800-548-1503
Fax: 419-243-6418
info@cityblueprintoftoledo.com

www.cityblueprintoftoledo.com

Annual Meeting Menu

CRUSTED PECAN — Your choice of grilled chicken, tuna, steak or shrimp over a bed of mixed greens. Garnished with crumbled bleu cheese, cucumbers and tomato basil relish & toasted pecans.

Chicken	14.00
Tuna	15.00
Steak or Shrimp	17.00

SANDWICHES

Served with our handcut chips. Substitute french fries for 2.00 extra.

THE "PORKY" — Moosehead's own BBQ pulled pork topped with shredded cabbage. Served on an onion roll and a side of our own coleslaw. 10.00

TURKEY BLT WRAP — Slices of roasted turkey wrapped with bacon, lettuce, tomato, mayo and cheddar cheese. 11.00

ADD Onion Rings	3.00 / guest
Substitute French Fries	2.00 / guest

ENTREES

You may substitute french fries or redksins for the chips. 2.00/guest

OPEN FACE PRIME RIB — An 8 oz. slice of Prime Rib cooked to medium and dipped in AuJus. Served on a slice of toasted French Bread with coleslaw & our hand cut chips. 15.00

GRILLED CHICKEN & VEGGIES — A boneless, skinless chicken breast grilled and served with roasted redskin potatoes and mixed vegetables. 13.00

TUNA STEAK — A thick Tuna steak topped with roasted red peppers and served with roasted redskin potatoes & grilled veggies. 14.00

HIGH GRADE HARDWOOD SURVEY STAKES

DELIVERY AVAILABLE

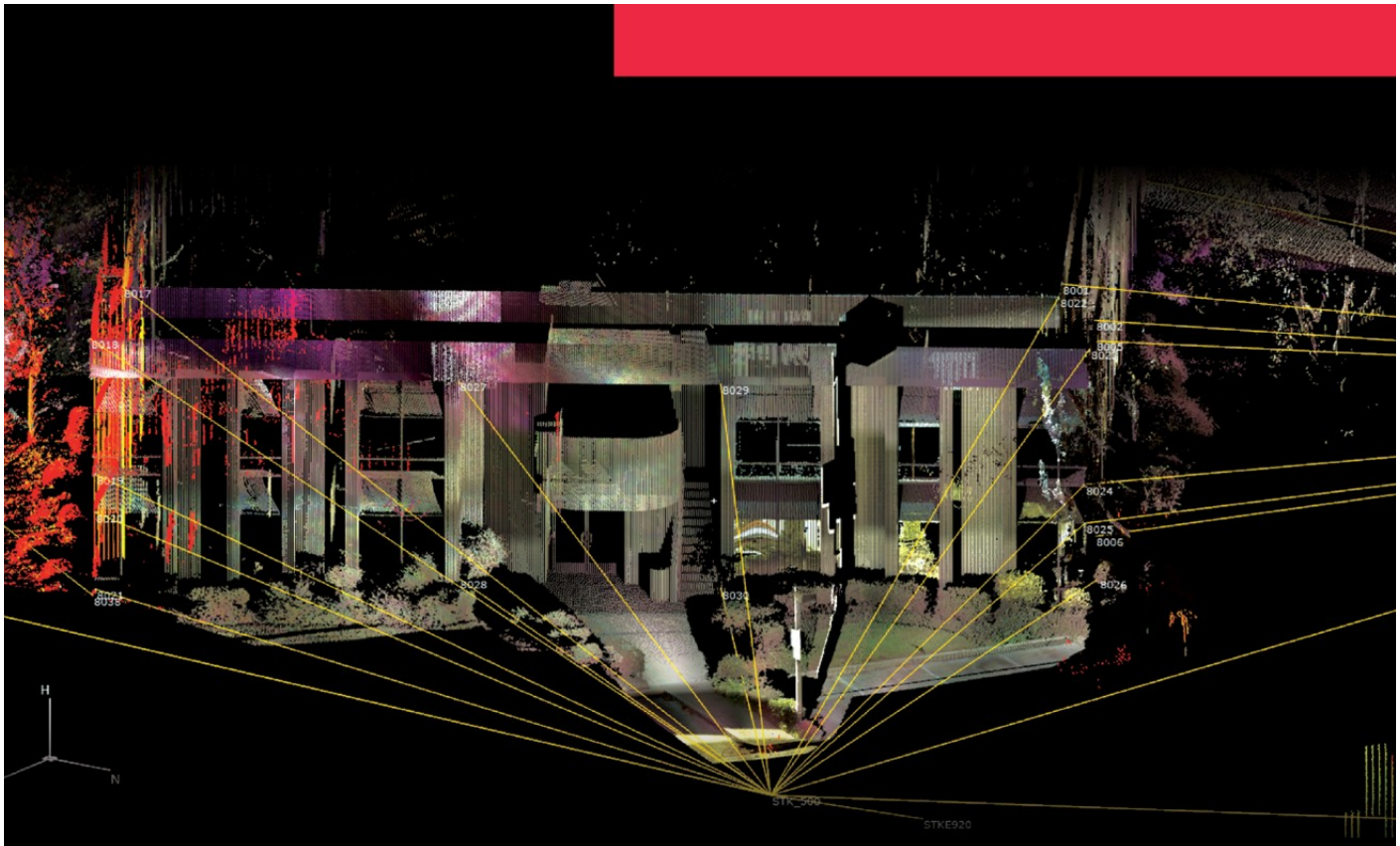
- TOPCON DEALER
- SOKKIA DEALER
- FIELD SUPPLIES
- INSTRUMENT SALES, SERVICE & RENTAL
- GPS TECHNOLOGIES
- FIELD EQUIPMENT

ROBERTS

Surveying Supplies

WWW.ROBERTSSURVEYING.COM

5758 Ridge Road Parma, Ohio 44129 Phone (440) 842-2218 Fax (440) 842-0802



"After a few hours training with the MS50, we were able to get to work immediately on actual projects and provide high-quality 3D deliverables with minimal extra time. Processing all the points we gather, in one environment, is a real time saver."

Mike Angelo, EIT, PLS
Vice-President of Geomatics
WestLAND Group, Inc.
Rancho Cucamonga, California

Leica Nova MS50

novalearningnetwork.com

PART OF HEXAGON

For more information, contact Alex Cherchian:
(O) : 614-264-6722 | (E) alex.cherchian@leicaus.com

- when it has to be right

Leica Geosystems

Delegate's Report (from Page 13)

- PLSO Staff Report – Melinda Gilpin Attended both NSPS and OTEC meetings and conference.
- President's Report – Brian Bingham attended meeting at O.S.U. social and got to meet many of the new student members.

Respectfully submitted,

Thomas M. Snezek, PS
Acting Chapter Delegate and State Secretary

Surveyor of the Year Award

George Hofmann, PS

George makes history as the first *repeat* recipient of our Chapter's prestigious Surveyor of the Year award! The 2015 nominating committee especially wished to recognize his recent contributions to the profession: He serves as our PLSO Chapter Delegate, he chairs the Finance Committee, and of course he recently held the office of State President (this is remarkable because Cleveland Chapter members are rarely elected to the State Presidency).

In addition to all that volunteer service to our profession, he operates a consulting business with partner Rich Metzker. Hofmann-Metzker, Inc. has operated since 1993 in Berea; but the late Jim Root engaged George as chief surveyor and party chief for twenty years before they bought out James B. Root & Associates. Originally, George started out in 1969 in the usual capacity as rodman; then he advanced while employed by other local firms. That totals to forty-five active years in land surveying!

Along the way, George served the Cleveland Chapter in many capacities, such as President, Secretary and Trustee. Notably, George first received the Surveyor of the Year award in 1998 for his accomplishments.

Local surveyors know George's reputation for thorough and accurate work, as well as his willingness to share records. In fact, George currently curates the survey records that are donated to our Cleveland Chapter Data Bank. When we surveyors find a yellow cap bearing that "6752" identification number, we rest a little easier!

Please congratulate George Hofmann as our Chapter's 40th Surveyor of the Year!

PLSO Annual Conference - Columbus

It's not too late to register for the PLSO Annual Conference being held this February in Columbus.

Visit: ohiosurveyor.org/2015-annual-conference/ for all the details!

2015 Officers

President:	_____, PS
President-Elect:	Steven Metcalf, PS
Treasurer:	Timothy Feller, PS
Secretary:	Mike Kral, SI
Delegate:	George Hofmann, PS
Past-President	_____

These are your 2015 Chapter officers who will be sworn in at our Annual Meeting dinner on Thursday the 22nd. New face Mike Kral was our Social Program chair last year. Glad to see him step up and become more involved.

George Hofmann has volunteered to act as our Chapter Delegate because he'll already be attending the State PLSO meetings due to involvement with State Committees. He'd be happy to have another chapter member be our delegate.

Elected offices of President-Elect, Treasurer, and Delegate must have Professional, Retired, or Life Membership status.

Chapter Executive Committee Meeting

Our next executive meeting will be:

When: **in March**
Time: TBA
Where: Neff & Associates
6405 York Road
Parma Heights

See meeting details in the March issue of the CSN.

Scholarship Deadline

The deadline for our chapter's scholarship application is fast approaching: **March 1.**

Click here or visit:
http://cleveland.plso.com/scholarship.html

for the application. Please give it to students who may qualify and remind them of the fast approaching deadline!

2014 Surveyor Spotlight-Year in Review

We would like to reflect on the P.L.S.O. - Cleveland Chapter's Surveyor Spotlights of chapter Surveyors for 2014.

Anthony Maione – PS

Project Manager Langan Engineering, in Akron

In charge of the OH office & 2 PA offices.
Recently purchased a Leica Laser Scanner.
Wife (Kelly) and two great Kids.

What is your surveying motto or approach?
Be responsive to clients, be efficient, and keep your promises to the client. Accountability is the key.

A 2012 – State of Ohio licensed professional surveyor & University of Akron graduate.

Petar Erak – SI

Surveyor Tech.at TGC Eng. in Sharon Center

Enjoys the office portion of surveying for problem solving. His mother worked at the cadastral office (recorder's office) in Serbia. Tenth grade a local surveyor Dragan Elez, guided me to the surveying profession.

What is your surveying motto or approach?
Get it Done!

An SI hoping to sit for Professional Surveyors Test April 2014, graduated from Univ. of Akron in Dec. 2011.

MIchael J. Kral - SI

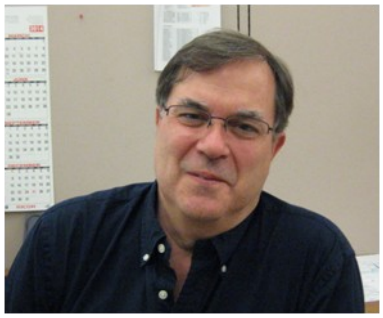
Crew Chief at Neff & Assoc. in Parma Hts.

Interested in Dendrology & outdoors.
Starting into Trimble Robotic Total Stations
Purchased a small farm in Lorain County.

What is your surveying motto or approach?
Deuteronomy 19:14 "You shall not move your neighbor's boundary mark, which the ancestors have set, in your inheritance which you will inherit in the land that the Lord your God gives you to possess."

An SI getting close to being eligible to sit for Professional Surveyor exam.

Terry Worsech - PS



Senior Surveyor at Neff & Assoc. in Parma Hts.

Enjoys the freedom of the field portion of surveying. Office work and seeing the project map to fruition is great. Wife (Tammy)& four children, Katie, Justin, Brad and Carly & have two Grandkids.

What is your surveying motto or approach?
Horizontal & Vertical control is very important. A correct tight closed control survey. I don't want to waste time and money to go back and solve control problems.

A 2011 – State of Ohio licensed professional surveyor.

Precision Laser & Instrument, Inc.

www.laserinst.com

Construction • Survey • GIS

Sales • Service • Rentals • Training • Support

FOCUS 35

Ranger 3

Nivo C Series

SP80 GNSS

Detect without Digging

Quantum Series Ground Penetrating Radar

Set Up Your Demo Today!

Utilities
Pipes, Conduits, Cables, Wires, Manholes, Water Boxes, Valves, Fiber Optics, etc.

Structural
Reinforcing, Cracking, Voids, Water Infiltration, Slab Thickness, etc.

Archeological
Artifact Location, Structural Mapping, Grave Studies, etc.

Environmental
Buried Drums, Landfill Limits, Rubble Limits, High Saturation Levels, etc.

Geophysical
Strata Layers, Ground Water, Root Mass, Bedrock, Fill Replacement, etc.

Humanitarian
Bunkers, Tunnels, etc.

Law Enforcement
Contraband Locations, Buried Caches, Forensic Investigations, etc.

Featuring the Quantum Imager

Triple-Frequency for Greater Depth & Resolution

The Quantum Imager by US Radar is capable of significantly greater depths with higher resolution than any other locating technology. It's easy to use, even in the roughest conditions, including snow!

Professional Land Surveyors of Ohio Sustaining Member

Locations:

SPECTRA PRECISION

Nikon

USRADAR INC. SUBSURFACE IMAGING SYSTEMS

"We're focused on YOU!"

Pittsburgh Office
85 11th Street
Ambridge, PA 15003
Ph: (724) 266-1600
Fax: (724) 266-8161

Columbus Office
372 Morrison Rd., Suite D
Columbus, OH 43213
Ph: (614) 759-1000
Fax: (614) 759-7059

Cincinnati Office
820-B Lebanon Street
Monroe, OH 45050
Ph: (513) 539-0022
Fax: (513) 539-0033

Akron Office
2567 S. Arlington Rd., Suite 5
Akron, OH 44319
Ph: (330) 633-4900
Fax: (330) 633-4999

WV Office
504 Old Goff Mtn. Rd.
Cross Lanes, WV 25313
Ph: (304) 776-1831
Fax: (304) 776-6790

Executive Committee Meeting Highlights

Steven Metcalf
Secretary

November 17, 2014 6:05 p.m.

Neff & Associates: 6405 York Road, Parma Heights, OH 44130

In attendance: Robert Hoy, Tim Feller, Mike Kral, George Hofmann, Tom Snezek, and Steve Metcalf.

Chapter Delegate:
George Hofmann & Tom Snezek both presented information and updates from the State meeting.

The Ceremony for new S.I., P.S., E.I., & P.E. held at the Statehouse in Columbus is seeing lower turnout numbers. This decrease is due to licenses being distributes via U.S. mail & the new online testing. It was discussed that the new licensees would be invited to the Annual Conference or Fall Luncheon with reduced rates.

Melinda Gilpin has a booth at OTEC the transportation conference and it was a great success.

PLSO is going to bestow an honor of Legislator of the Year for now retiring, Senator Seitz for his commitment as a "Survey Champion" to the needs and betterment of surveying community in Ohio.

Committees:

Seminars:
Robert Hoy Program Chair: will develop a March and May seminar with possible CPD credits.
He hopes to utilize the successful format changes from the September 2014 seminar. These changes being; free or low cost option, open discussion format, non-classroom setting, social aspect, and heavy interest topics, bring survey crew personnel (non-member).

Education/ Scholarship Committee:
Steve Metcalf to Speak to University of Akron students about the Scholarship again this year after the December holiday school break.

New Business:

Surveyor Toys:
Robert Hoy obtained (48) PlayMobil Surveyors Toys.
As discussed prior, Robert will donating the Toys during "Toys for Tots" to help the community.

Dual Chapter Seminar / meeting:
William Loetz and Nick Marino, Askega Chapter, approached the Cleveland Chapter about a dual chapter meeting and seminar to intermingle / cross promotes both chapters.

New Newsletter topics:
Steve Metcalf presented the idea of inquiring with each county in the Chapter district about Plat requirements, process, required legal descriptions, scanning of recorded plans – bad quality, and use/ non-use of "Pre-Review" prior to Mylar submissions. Recent changes to procedures in some counties prompted the inquiry for the members' knowledge.

Cleveland Chapter's Delegate Report

The report included herein is offered only as informational to the members of the Cleveland Chapter. The reader is deferred to the approved minutes of the P.L.S.O. for any clarifications

Thursday November 17, 2014 Call to Order 6:02 PM

- Inter-Association: State Board of Registration – Melinda Gilpin: State Board will no longer under-write the State Certification Ceremonies. A recognition ceremony will be developed for at the Fall and/or Annual Conferences for newly certified Professional Surveyor. Possible one day registration included with offer.
- George Hofmann helped raise $700 at the fall seminar for the PAC Fund.
- Trig*Star packets are available. A new Chairman of the Trig*Star committee is needed. Contact Melinda Gilpin if interested. Must be a PS.
- Fall Seminar: 2014 - Great Wolf Lodge, Mason, OH, *Excellent turn-out and the event was well received.*
- Legislation – Dean Ringle Senator William Seitz will be recognized as our Legislator of the Year.
- 2015 Officers announced –

  Steve McCall – incoming President
  Ken Taylor – President Elect
  Thomas Snezek – Secretary
  Robert Patridge – Treasurer
  Brian Bingham – Immediate Past President
  Robert Akin- NSPS Governor, (3rd. year of 3-year term)

(Cont'd on Page 8)

Jake's Stakes

AMISH MADE

8200 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

NO ORDER TOO SMALL or TOO FAR

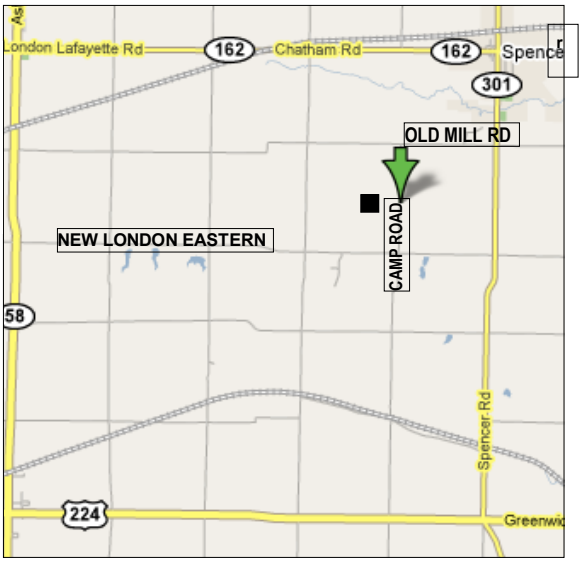
SQUARE HUBS	Bundle of 25
12" x 2" x 2"	$0.24 ea
18" x 2" x 2"	$0.32 ea
22" x 2" x 2"	$0.36 ea

ORDERS FILLED RAPIDLY!

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
Available Any Length Call for $

FREE DELIVERY ON LARGE ORDERS



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

DELIVERY AVAILABLE : CALL Dwight at Spencer Feed & Supply 330-648-2111

* WE DELIVER ANYWHERE * WE DELIVER ANYWHERE * Fax Orders: Attn. Dwight 330-648-2552

From the Desk of the Past Chair (President)

Robert Hoy
Past President

It's been quite some time since I've written my thoughts, since this past year I served as Past President. 2014 was the first year our chapter hasn't had a President. We had three official officers: Steven Metcalf (secretary), Timothy Feller (treasurer), and me. My deepest thanks goes out to Steven and Timothy. You get out what you put into a profession, a career, and a professional organization. Things come up at our chapter meetings that you won't hear anywhere else. So *Come on Down!* and get involved!

We had a good number of members help out the chapter when they could and how they can help best. Peter D. Zwick ran St. Edward High School through the Trig*Star contest for the third straight year; Mike Ackerman volunteered to be an alternate delegate twice for meetings in Columbus; Dino Lustri has maintained and updated our website as needed; George Hofmann ran our Scholarship Committee again; Rick Ziegman and Tom Snezek ran our golf outing yet again; John Dailey shared his *Random Lines* article with us in this publication; Mike Kral took care of our Social Program along with some help from Jack Hoy. My apologies if I've left anyone out. We need people to keep our chapter humming.

Can one member make a difference in just one year? **Absolutely!** Steven Metcalf this past year (in his first full year being involved) started the *Surveyor Spotlight* in this publication, created and distributed the orange PLSO t-shirts, found the Playmobil Surveyor Toys (which we ran with and made donations with), and he spoke to University of Akron surveying students again about our scholarship. Who knows what he'll get into this year. Get involved and find out!

Staying Modern

That was the title of my last writing in the CSN. And it's still of utmost importance for our organization and our profession. The alarming average age of professional surveyors/PLSO members in Ohio has been mentioned, and the number of "new" members our chapter has had in the past few years could be counted on one hand. Our chapter last lost about 40 members over the past 6 years.

Our organization needs to continue to modernize its operations, image, and the perception of our organization by non-member surveyors. We need to get the word out as to what PLSO does. There are surveyors who think all we do is put on educational events... so why be a member just for that? PLSO works for all surveyors.

All professional surveyors need to fulfill their continuing education requirements. That's a good opportunity to attract new members and we should make a way to include a full year PLSO membership with full non-member conference/fall seminar registration. (Other organizations do it, we should too.) The topic of the sessions attracts me to seminars. It's unlikely younger surveyors would find *Evolution of Surveying Tools* or *Civil War topographic mapping* useful in their daily work. It doesn't get me in a seat. It will though be found interesting by older surveyors.

Companies, and organizations change and morph with the times. They want to stay relevant and grow their base. Advertisers target the 18-25 (and younger) segment of the population. Why? Ideas and habits you form in that age range are very likely to stay with you throughout your life. We should be catering to that age range, especially those in college surveying programs. There are facets of PLSO that seem as if they are in a time capsule from the early 1970s. We've made good progress over the past few years. Let's see how we can modernize the rest!

Robert Hoy, PS
Past President

BILL HAAS MEMORIAL GOLF OUTING **new format, new location**

INSTEAD OF THIS:

YOU COULD BE ENJOYING THIS:

SAVE THE DATE!!
FRIDAY, JUNE 19TH, 2015
Springvale Golf Course - North Olmsted, Ohio
18 Holes – *Fourman Scramble Format!*
Includes lunch, hole prizes, cash to the winners!
Steak Dinner and all the trimmings!

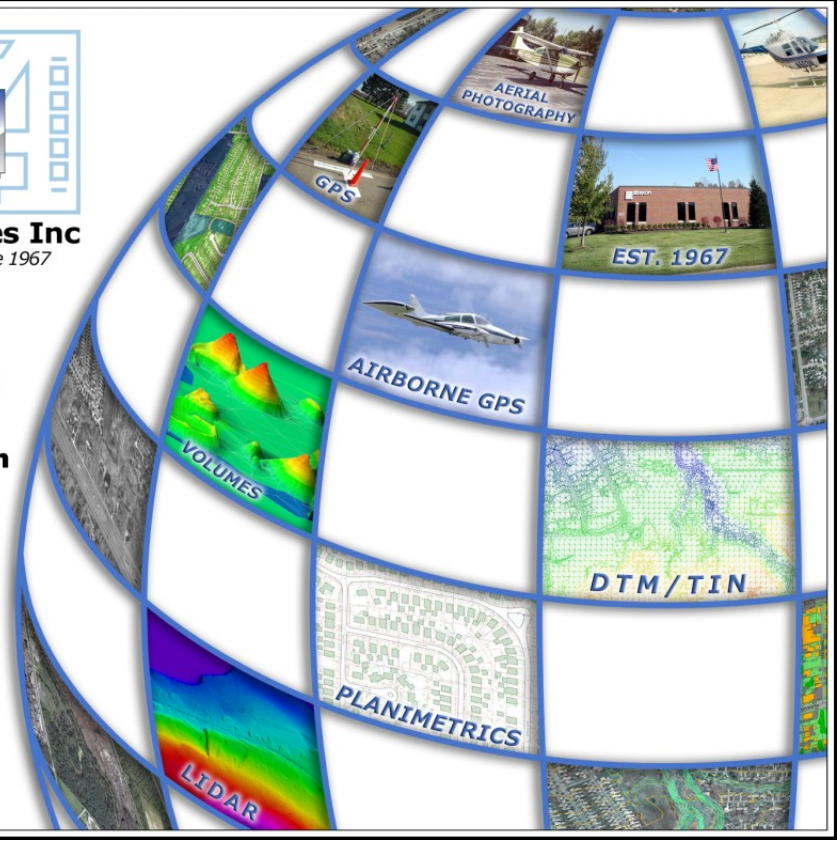
Look for more details in future newsletters.

AEROCON

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



Toys for Tots

In December, we donated over 50 surveyor toys to Toys for Tots in the Cleveland area. Steve Metcalf found these toys back in 2013, but weren't readily available in the U.S. until mid 2014.

It's important for the future of surveying to get kids interested in land surveying if we want to help encourage the future generation of new surveyors.

We will look to do things like this in the future. Have an idea to help get kids aware of surveying? Come to the Annual Meeting on January 22. See details on Page 4.

An *invaluable* tool for Cleveland Chapter members is exclusive access to the Survey Bank containing thousands of surveys in our area. Painstakingly catalogued by member volunteers, this is a searchable database covering Cuyahoga County with overlap into adjoining counties.

Website:

PLSO.info

Free Cleveland Chapter Member login

Contact the Website Committee Chair:
Dino Lustri
dino@dles.co