



# Cleveland Surveying News

APRIL 2007

Newsletter of the Cleveland Chapter of the Professional Land Surveyors of Ohio



# Cleveland Surveying News

Circulation: 175 issues

John G. Hoy, P.S. Editor

Robert G. Hoy, P.S. Photographer

## Address for Correspondence:

### CLEVELAND CHAPTER

Professional Land Surveyors of Ohio  
P. O. Box 81713  
Cleveland, OH. 44181-0713

## 2007 Newsletter Advertising rates:

**One-sixth page:** 3" h. X 3.6" w. \$80 yr.

**One-half page:** 4.5" h. X 7.5" w. \$200 yr.

**Full Page:** \$400 yr.

**Single Issue Full Page:** 8.5" x 11" \$100.00 each issue  
(accepting only two per issue)

**Help Wanted or Position Wanted** up to 1/2 page:  
\$30.00 per issue

Contact: John G. Hoy, Newsletter Editor hoy7419@cs.com

## ADVERTISERS INDEX

- 3 Imaginit Technologies
- 7 Aerocon Photogrammetry
- 7 Jake's Stakes
- 9 Roberts Surveying Supplies
- 12 City Blueprint of Toledo

**Cover Photograph: "Signs of Spring in Cleveland"**  
by John G. Hoy

## Contents

Newsletter Information .....	2
Communication Committee Report - John G. Hoy, P.S., Editor.....	3
Seminar Meeting Highlights - Peter Zwick, P.S. ....	4
<b>Seminar Meeting Registration</b> - Louise Veverka, P.S. ....	5
Program Committee Report - Louise Veverka, P.S.	
Membership Committee Report - Tim Feller, P.S. ....	6
Letter from our President - John J. Bischof, P.S. ....	8
Executive Committee Highlights - Robert Hoy, P.S. ....	9
Random Lines - John E. Dailey, P.S. PAST .....	10
Delegate's Reports - Sean Boland, P.S. ....	11
2008 Conference Committee Update - Mark Yeager, P.S.	
<b>ASKEGA Chapter CPD Notice</b> .....	13
Calendar .....	14
S4 Surveyor's Group .....	15
<b>WESTERN RESERVE Chapter CPD Notice</b> ...	16
Schedule .....	17
Education Committee Report - Tom Snezek, P.S. ....	18

## 2007 Executive Committee

### President

John J. Bischof  
(440) 439-1999  
bischof@cvelimited.com

### Past President

Joseph F. O'Donnell, Jr.  
(216) 529-6809  
Joe.o'donnell@lakewoodoh.net

### Secretary

Robert G. Hoy  
(216) 389-7677  
hoyr@ksassociates.com

### Communication

John G. Hoy  
(216) 476-3600  
hoy7419@cs.com

### Program

Louise Veverka  
(216) 251-6972  
Lvsurvey@sbcglobal.net

### President Elect

Peter D. Zwick  
(440) 235-2729  
Zwick@eng.ohiocoxmail.com

### Treasurer

David J. Bruckner  
(216) 664-2462  
dbruckner@city.cleveland.oh.us

### Chapter Delegate

Sean A. Boland  
(440) 835-5632  
Sboland611@aol.com

### Education

Tom Snezek  
(216) 671-4902  
dadsurv@hotmail.com

### Membership

Timothy Feller  
(216) 797-9800  
timf@mcsteen.com

Well, we've got a lot to cover this issue. The Executive Committee recommended that every member submit a report for the newsletter. All good since this is the primary line of communication to Chapter Members and the best way to keep up with what is happening. Find out about the future of the Chapter Data Bank in John Dailey's article on page 10.

Tom Snezek, Education Trustee, has an interesting task before him. Contained in his report is a special request to complete a survey form concerning the Chapter School and return it by May 1st. The school format and content is being reviewed for possible change before the next enrollment. Grab the form from pages 18 and 19, fill it in and return it to Tom soon.

If you haven't already reserved the date, set aside June 22, 2007 for the 34th Annual PLSO William J. Haas Memorial Golf Tournament at Pleasant Hill Golf Course in Chardon, Ohio. The registration flyer will be in the May and June issues of the Cleveland Surveying News.

Our Chapter website is being updated to make it a more useful tool for members to use. Our site is hosted by Frank B. Krause and Associates. Robert P. Krause, Robert Hoy, Pete Zwick and myself comprise the members of the committee working on this project.

The CPD Seminar Meetings have begun spring sessions and are off to a good start. The next meeting concerns liability and the repercussions of being an excavator when uncovering or setting a property corner. Alice Miller of OUPS will shed more light on the subject April 12, 2007.

It would seem that good ideas catch on easily. This issue also includes information on CPD opportunities with the Askega Chapter and the Western Reserve Chapter if you don't mind driving to Chardon or Akron to get a few credits.



**John G. Hoy**  
CSN Editor

## **Are you as efficient in the office as you are in the field?**

### **If not, let's talk.**

We'll help you use your software more productively, so you complete jobs faster and more accurately:

- Fine-tune your set-up to use field codes and symbols effectively.
- Share your AutoCAD drawings with MicroStation users, with no rework.
- Use "hidden" mapping, GIS and imaging tools.

We've been your source for Surveying, Civil Engineering and GIS software for over 20 years – the right tools for every size survey and land development project.

We provide the complete line-up of Autodesk Land Desktop civil/survey tools – and back them up with the training, implementation and technical support services that keep you productive.

#### **Offices throughout Ohio**

Phone: 800.356.1429

Web: [www.IMAGINiT-tech.com](http://www.IMAGINiT-tech.com)

Email/info: [info@IMAGINiT-tech.com](mailto:info@IMAGINiT-tech.com)

**IMAGINiT**  
T E C H N O L O G I E S  
A RAND Worldwide Company

**March 1<sup>st</sup> 2007 C.P.D. Seminar Report****Doug Fleming, P.S.**

Twenty-three of our members glimpsed into the future of construction staking at the first seminar of the year. Doug Fleming, P.S., the Chief Surveyor of Anthony Allega Cement Contractor, showed us examples of three-dimensional modeling of actual construction projects at Cleveland Hopkins International Airport, Interstate 90 in Lake County, and a new subdivision street in Independence.

Doug explained that his first step is to request electronic AutoCad files from the engineer (sometimes paying him a fee). Next, he uses TerraModel software from Trimble and inputs additional spot elevations, thus creating a specialized three-dimensional representation of the surface to be staked. These 3-D files are similar to the T.I.N. networks that AutoCad uses to create contour maps.

**Peter Zwick**

In the field, Doug then sets up a local laser or G.P.S. base network for his control. Next, the electronic information is downloaded to various types of computer-controlled construction machinery, and sensors on the bulldozers calculate the position of the blades. Earthmovers automatically adjust to cut or fill to the programmed elevations. Currently, earthwork/mass-grading and subgrade trimming are the most common applications; however, finished concrete work (with much tighter tolerances) is only a few years away. Doug remarked that his 20+ years of experience dictate that all the cuts be continuously checked with traditional surveying methods !

In his opinion, these industry trends toward computer-controlled equipment, automatic vertical laser control, and robots "talking to each other" will mean more work for highly skilled flesh-and-blood surveyors today and in the future.



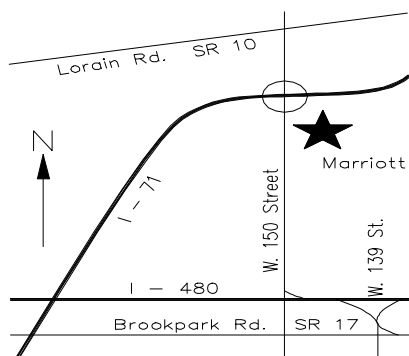
As usual, all those who attended received a 1 hour C.P.D. certificate from the Cleveland P.L.S.O.





**Cleveland Airport Marriott Hotel**  
4277 West 150th Street  
Cleveland

### FREE PARKING



## REGISTRATIONS ARE REQUIRED IN ADVANCE

To Register for the next meeting on Thursday, April 12, 2007  
contact:

**Louise Veverka at (216) 251-6972**

**Registrations must be paid in advance  
and are due by Tuesday, April 10, 2007**

Cost: PLSO Member \$35.00 Non-Member \$60.00

### EARN ONE PDH OF CONTINUING EDUCATION

*To join P.L.S.O. and qualify for the discount, download the form at [www.ohiosurveyor.org/join.html](http://www.ohiosurveyor.org/join.html) If you have any questions about joining contact Barb Jones at (614) 761-2313.*

#### Dinner:

Traditional Salad Mix with Field Greens  
Caribbean *Spiced Mojo* Roast Pork Loin  
Roasted Red Skin Potatoes  
Baked Rolls and butter  
Coffee, Tea, Iced Tea or milk  
German Chocolate Cake

Social time begins in the lounge at 5:30 p.m., sign in at 6:00 p.m.

## SEMINAR MEETING REGISTRATION

- ☐ **April 12** "Call Before you Stake" by Alice Miller, a liaison from the Ohio Utilities Protection Service (O.U.P.S.) on legal liability pertaining to surveyors and safety training.  
**PLSO Members \$35.00 Non-Members \$60.00**
- ☐ **May 3** "Poisonous Vegetation" by Professor David Marrison from the Ohio State University Ashtabula Extension Service warning us about dangerous plants (especially Giant Hogweed) that may be encountered along property lines."  
**PLSO Members \$35.00 Non-Members \$60.00**

**Total Amount Enclosed: \$ \_\_\_\_\_**

Name \_\_\_\_\_ Phone Number \_\_\_\_\_

Email \_\_\_\_\_ Address \_\_\_\_\_

Company \_\_\_\_\_ PLSO Member ? Yes ☐ No\* ☐

**Make checks payable to: Cleveland Chapter of PLSO**  
**P.O. Box 81713**  
**Cleveland, OH. 44181**

Registration is required in advance. \* to join PLSO and qualify for the discount, apply without delay at [www.ohiosurveyor.org/join.html](http://www.ohiosurveyor.org/join.html)

The March 1, 2007 meeting had 23 attendees not including the speaker. Only one attendee was not a member of PLSO and one registrant did not show.

Total income for the March meeting is:

	16 @ 90.00
	1 @ 180.00 (all 6 seminars)
	1 @ 70.00
	4 @ 35.00
	<u>1 @ 60.00</u>
Total	\$2030.00



Louise Veverka  
Program Trustee

We guaranteed 30 attendees to the hotel and paid for that number. Total hotel bill was \$806.12. No other expenses incurred as of today. Remaining funds as of March 2, 2007 was \$1223.88

March 19, 2007, I received two more reservations for the next two meetings:

	<u>2 @ 70.00</u>
Total	\$140.00

Remaining Funds as of today March 21, 2007 = **\$1363.88**

As of this date we have 25 prepaid attendees for the April and May meetings. I will call the hotel and change the guaranteed attendance to 25.

---

## MEMBERSHIP

- Item 1.) A "drop list" for non-payment of 2007 dues has yet to be completed, possibly by the end of April.
- Item 2.) A "new member" packet is being created, some items to be included area as follows:

- 1.) Welcome letter (rough draft provided)
- 2.) Brief History (Jack Hoy might have something here)
- 3.) Copy of the years meeting schedule (if available)
- 4.) State brochure
- 5.) Golf Outing and Picnic Notice (popular Chapter events)
- 6.) How about those PLSO stickers (Sean Boland might ask if they are available)



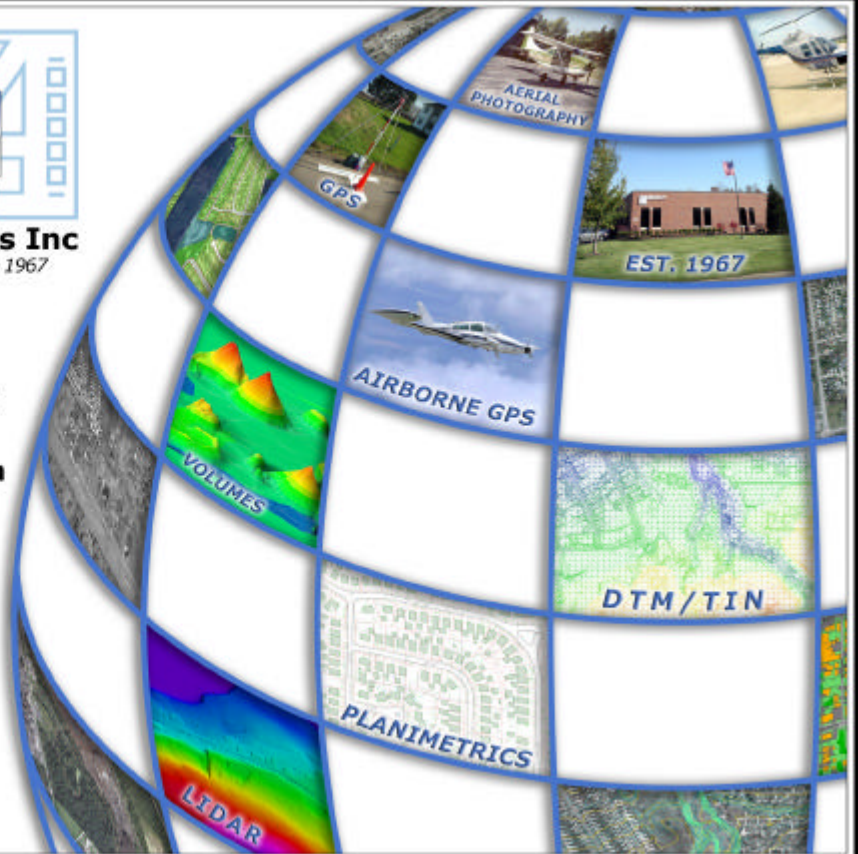
Tim Feller  
Membership Trustee

# 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](mailto:skymap@aerocon.com)  
[www.aerocon.com](http://www.aerocon.com)



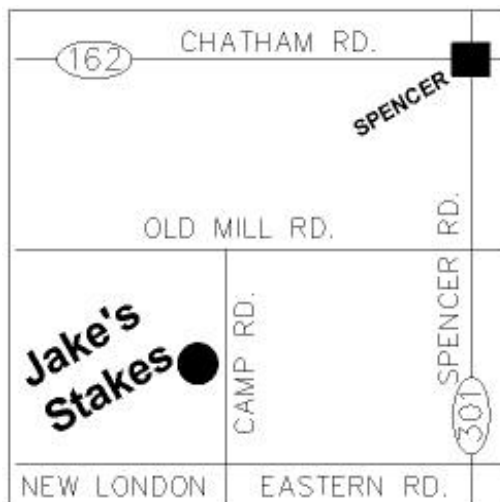
# Jake's Stakes

**Amish**  
Custom Made  
Surveying and Construction Stakes

Produced by Jake Shetler  
7370 Camp Road  
Homerville, Ohio 44235

*(Our stakes are high quality hardwood smooth for excellent writing surface)*

## **HARDWOOD STAKE PRICING** (Soft wood available upon request)



### **Marker Stakes**

1-1/2" x 3/8" x 48"	\$0.36 ea.
1" x 1/2" x 48"	\$0.22 ea.
1-1/2" x 3/8" x 36"	\$0.28 ea.
1-5/8" x 1/2" x 30"	\$0.25 ea.
1-5/8" x 1/2" x 24"	\$0.20 ea.
1-5/8" x 1/2" x 18"	\$0.17 ea.

### **Hub Stakes**

22" Hub Marker	\$0.13 ea.
18" Hub Wedge	\$0.19 ea.
12" Mine Wedge	\$0.30 ea.
12" Hubs	\$0.15 ea.
9" Hubs	\$0.13 ea.

1-1/2" x 1/2" x 15" Form -A- Drain Stake with nail hole	\$0.17 ea.
1-1/2" x 1/2" x 12" Form -A- Drain Stake with nail hole	\$0.14 ea.
5/8" x 30" Reinforcing Rods - Bundle of 20	= \$27.00

Large Stake Inventory - Orders Filled Rapidly  
Delivery Service Available - Pricing Subject to Order Size

**Order Placement: Call Dwight Powers at 330-421-2596 or 330-648-2111**

**Fax Orders: Attention Dwight at 330-648-2552**



Dear fellow members,

I attended the 2007 Conference that was hosted by the Cincinnati and Southwest Chapters on February 25<sup>th</sup> to the 27<sup>th</sup>. The chapter members did an excellent job from the efficient registration to the processing of attendees for classes, to the hosting of the Banquet. I was sure to take notes to apply at the Conference that we will be hosting next year.

The opportunity was available to talk with several members from our chapter that attended and to speak with the new State President Brad Kramer. I invited Brad to attend one of our local chapter meetings and he stated that he would be eager to do so. As we will not be having a graduation ceremony at the June meeting, I thought that this would be a good time to have Brad attend and speak about the State agenda.

I also spoke with Executive Director Mark Jones and the Assistant Director Barb Jones to discuss some issues that we had to address with our conference. This was followed up with a meeting that was held in Cleveland on February 19<sup>th</sup> with Mark Jones, Bud Payne, Mark Yeager our conference Chairman, and the entire 2008 Conference Committee.

It was interesting to see the procedure used to provide attendees of the 2007 Conference with documentation on site to record their Professional Development Hours for licensing. At registration, each attendee was given an attendance sheet of all the classes that were scheduled. These sheets were collected at the beginning of class, stamped and initialed, and passed back to the attendees at the end of class. I was surprised at how well this was done especially at the one class that had 300 people in attendance.

I also attended the Annual Meeting and Banquet and viewed the swearing in of the new State Officers. It was nice to see the schedule include the introduction of all attending past State Presidents to show appreciation of their prior efforts to make the PLSO what it is today. The Banquet gave me an opportunity to address all in attendance and invite them to our "house" in 2008.

Other board members in attendance at the conference were Sean Boland, Tom Snezek, and Joe O'Donnell, Jr. All in all, this was a great opportunity to pick up some PDH's and network with other members of our organization.

At this time we have a preliminary agenda for the 2008 Conference and the State Office is contacting our requested speakers as to availability, fees, and contracts. The new format being used at our conference will be a two-day event (Thursday and Friday only) with the opportunity to obtain 12 Professional Development Hours. The Banquet is scheduled for Thursday night.

I encourage all of our members to mark their calendars for next February 7<sup>th</sup> and 8<sup>th</sup> to attend the conference. I know you will find this to be time well spent.

**John J. Bischof, P.S. President**



March 19, 2007

at the office of John R. Hoy and Associates, called to order at 6:00 p.m.

**Officers In Attendance:** John Bischof, Sean Boland, Pete Zwick, John G. Hoy, Dave Bruckner, Tom Snezek, Joe O'Donnell, Louise Veverka and Robert Hoy. Absent was Tim Feller. Also in attendance: Jack Hoy and John Dailey.

**Highlights:**

John Hoy asked for each executive committee officer to submit an article/message for each newsletter.

This year's picnic was announced to be held at Albion Woods picnic area on August 9.

The chapter's website is being updated and the executive committee will be able to test and critique the site for content and functionality.

Tom Snezek reported only 1 Education Survey had been returned that was given out at the March 1 seminar meeting. He asked for more to be returned, so please bring it with you filled out to the April seminar meeting. Tom also reported that Neil Juhnke is now working as the Tax Map Surveyor in the county Tax Map Department.

John Dailey is still trying to get the Cuyahoga County Archives to officially take the chapter's Data Bank.

A draft letter to welcome new chapter members was presented and discussed. A letter will be part of a welcoming package the chapter is organizing to be sent to new members.



**Robert Hoy**  
Secretary

# 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**

A number of years ago, the Cleveland Chapter came into possession of the Data Bank. This started with a title company buying the assets of National Surveys Company. The title company did not want to keep or maintain the records of National Surveys, so they were going to dispose of them. Carl Craddock felt that this would be a big loss, so he approached the Cleveland Chapter about purchasing the old records. The title company was willing to sell the Chapter the records for the scrap cost of the filing cabinets. A deal was struck and the Data Bank came to the Cleveland Chapter. Since then, a couple of other retiring surveyors or their families have donated records to the Bank.



Over the years, it has been housed in several locations: the County Engineer's Bridge Garage, a self storage unit and lately at the offices of Garrett and Associates. At the end of last year, Garrett and Associates was sold to The Courtney Company and Courtney is going to relocate the newly acquired Garrett operations to their new building.

After some discussion at the Chapter Executive Committee, it was decided to offer the Data Bank to the Cuyahoga County Archives. This would finally give the Data Bank a permanent home and a place where it would be maintained. Since I volunteer at the Archives, I was asked to make the offer.

President John Bischof, Jack Hoy and I met with County Archivist Dr. Judith Cetina and her immediate supervisor, John Myers. We viewed the Data Bank at Garrett's office, assessed the space needed and the possible impact and use of the Data Bank on the Archives. All felt that this would be the best possible home for these records.

A final decision was given today and we were told that the Data Bank would be accepted by the County Archives. They finally have a home.

It was also decided that the Chapter would cull the files one last time, remove any extraneous data and prepare the Data Bank for moving. This will include numbering the cabinets and files so that they can be placed in the proper order at the Archives. When this is done, the County will provide the manpower for the move.

The Archives are located at 2905 Franklin Avenue, Cleveland, and will be open Monday, Wednesday, Thursday and Friday from 8:30 A.M. until 3:30 P.M., except for legal holidays. There is copying equipment available on site since no records may be removed from the Archives.

Also at the Archives are the old (pre 1947) tax maps, the recorded plat books from Volume 1 to about 177, a lot of the old deed index books, some of the older deed books and a lot of records from the County Engineer's office. With the addition of the Data Bank, there will be a lot of property data available in one central location, not only for surveyors, but for genealogists and historical researchers..

I believe the people who have worked so hard on this Data Bank, such as Carl Craddock, the late Mike Papcum, two County Engineers and the people who have moved the Bank four times deserve our heartfelt thanks. Without them, this information could have been in the recycling bin years ago. We should also thank Richard Garrett for making space available at his office for Data Bank for the past few years and we should also express our thanks to the Courtney Company for offering to continue to house it.



Nothing stays the same. The only constant in this world is change. Garrett and Associates was founded in 1890 which ranks it as one of the oldest surveying firms still active in Northeast Ohio. They were always considered a "class act" and I am a little sad to see it go.

I am both happy and sad to see Dick Garrett heading for retirement, happy that he will now enjoy the fruits of his labor and sad to see him out of the active surveying scene. For the past 40 years he has been both my competitor and my friend. He has always been a gentleman and a big supporter of the profession and the professional societies. Well, Dick, now you have no excuse for not attending the monthly meetings of the S<sup>4</sup>, (the "Secret Society of Senior Surveyors") who meet on the third Tuesday of the month at Sokolowski's. We will look for you there.

John E. Dailey, Past [jdailey@sbcglobal.net](mailto:jdailey@sbcglobal.net)

---

## Delegate's Report

---

### Meeting - Friday, March 2, 2007

**5.1 - New Members** - motion was passed to accept three new professionals, two affiliates, five students and thirteen reinstated members. Motion was passed to accepted one sustaining member.

**5.4 - National Surveyors Museum** - motion to donate \$1,000.00 to the National Surveyor's Museum in Springfield, Illinois was passed.

**5.5 - Soil Scientist** - motion was passed to allow President Kramer to send a letter to the Association of Ohio Pedologists (APO). The letter is to let the APO know that although professional surveyors are not permitted to analyze soil to determine what type of sewage treatment system to use on a site. Only a professional surveyor is licensed to provide a topographic survey for a site. PLSO would like both groups to work together.



Sean Boland  
Chapter Delegate

**7.12 - Standards Committee** - on February 10, 2007 NGS finalized the new National Re adjustment. This is a unified adjustment as opposed to the individual state HARN adjustments, which were separate adjustments often completed during different years. This latest adjustment is based on high accuracy GPS-derived observations and does not incorporate the original "traditional" survey observations such as triangulation and trilateration. The name chosen by NGS for the adjustment is NAD83 (NSRS 2007) - (National Spatial Reference System). NGS expects the data to be available on data sheets by the end of March.

**7.14 - State Line Committee** - Dean Ringle no reports - Paul Dinam suggested donations to cover supply costs.

**7.20 - Newsletter Editor** - cut-off date of March 15 for second issue. Looking for articles from members - reports from chapters.

**7.3 - NSPS Governor** - asked for issues from PLSO to report to NSPS. NSPS is looking for merit badge counselor volunteers. Information available on NSPS website.

**7.43 - Summer Seminar** - 2007 Summer will be hosted by the Firelands Chapter (Phil Rosebeck) at the Kalahari Resort in Sandusky.

**7.47 - Past Presidents Council Recommended Employee Handbook** - a motion was passed to adopt the PLSO Employee Handbook as adopted by the Past Presidents Council February 8, 2007.



**2010 Madison Avenue  
Toledo, OH 43624**

**Sales - Service - Rental  
Leasing - Training - Support**

**City Blueprint of Toledo, Inc.** has been selected to represent the complete line of Engineering and Construction Equipment from Trimble Navigation for Northern Ohio.

This equipment consists of Robotic Total Stations, GPS Systems, Machine Control Systems, Nikon Total Stations, TDS Data Collectors, and Spectra Precision Lasers.



Please feel free to contact us for more information on these and other new products.

**Dale Glancy** joins City Blueprint of Toledo, Inc. as the Northeast Regional Sales Manager. Dale brings many years of experience to the company. He will be based out of the Cleveland area for sales, support and service. Call Dale for a free Trimble Robotic or GPS Demonstration. He can be reached through our main office phone number or directly at 216-513-3083.



Email [dglancy@cityblueprintoftoledo.com](mailto:dglancy@cityblueprintoftoledo.com)

### **New Trimble R8 GPS Receiver**

#### **Key Features**

? Trimble R-Track Technology - Capable of receiving the coming L2C civilian GPS Signals

? Wireless Rover

? Wireless Base with an internal 450 MHz radio

? VRS Rover with an internal GSM Modem

? 6MB Internal Memory

? Rugged and Compact

? Lightweight and Ergonomic



### **New Trimble S6 Robotic Total Station**

#### **Key Features**

MultiTrack technology combines passive with active Target ID

MagDrive servo technology for incredibly fast, smooth performance

100% cable free instrument and Robotic rover

SurePoint accuracy assurance automatically corrects instrument pointing



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

**E-Mail: [cbt@cityblueprintoftoledo.com](mailto:cbt@cityblueprintoftoledo.com)**



The Conference Committee meeting date and time have changed. We are now holding the meeting before the Executive Committee meeting at John Hoy's office. The next meeting is at 5:00 p.m. on April 16, 2007.



**Mark Yeager**  
2008 Conference  
Chairman

## CPD OPPORTUNITY

Excerpt from the

### **APRIL NEWSLETTER Askega Chapter, P.L.S.O.**

#### CHAPTER MEETING

Monday, May 7, 6:30  
Geauga County Engineers Office  
470 Center Street, Building 8, Chardon, OH.  
(Bldg. Next to Geauga County Engineers Office)

Our next chapter meeting will be on Monday, May 7, 2007, at our usual time, 6:30. We have arranged for a speaker, Jim Kenyon of ODOT, who has a prepared presentation on GPS surveying. My understanding is that the content requires 2-3 hours to complete, and so we intend to focus our entire meeting time toward the coursework. CPD credits will be awarded and certificates made available. Additionally, in an effort to offset some slight costs, the chapter will be taking collections ("pass the hat", a few dollars each should suffice).

Additional information can be found at the chapter website: [www.askega.com](http://www.askega.com).

Scott Raypholtz  
[coffeecreek@adelphia.net](mailto:coffeecreek@adelphia.net)  
440-228-4348

# Calendar

April 12

April 13

April 16

April 20

## **Seminar Meeting**

State Executive Committee Meeting

## **Executive Committee Meeting**

Cleveland Surveying News Deadline

May 3

May 11

May 14

May 18

## **Seminar Meeting**

State Executive Committee Meeting

## **Executive Committee Meeting**

Cleveland Surveying News Deadline

June 7

June 22

## **General Membership Meeting**

Annual William J. Haas Memorial Golf  
Tournament

### **Executive Committee Meetings**

are held at the office of  
John R. Hoy and Associates  
4562 W. 130 St., Cleveland  
and are open to all members of  
the Chapter who want to attend.

July 20

State Executive Committee Meeting

August 2-4

PLSO Summer Seminar, Kalahari Resort, Sandusky

August 9

## **Family – Old Timers Picnic**

August 10

August 13

August 17

*CST Survey School registration deadline*

## **Executive Committee Meeting**

Cleveland Surveying News Deadline

September 6

September 10

September 14

September 17

September 21

September 24

## **Seminar Meeting**

*CST Survey School Begins*

State Executive Committee Meeting

## **Executive Committee Meeting**

Cleveland Surveying News Deadline

PLSO Business Seminar, Columbus

October 4

October 12

October 15

October 19

October 25-26

## **Seminar Meeting**

State Executive Committee Meeting

## **Executive Committee Meeting**

Cleveland Surveying News Deadline

PLSO Fall Seminar, Cherry Valley Lodge, Newark

November 1

November 9

November 19

December 10

December 14

## **Seminar Meeting**

State Executive Committee Meeting

## **Executive Committee Meeting**

**Executive Committee Meeting** (if needed)

State Executive Committee Meeting (if needed)

January 11, 2008

January 14, 2008

January 18, 2008

January 24, 2008

State Executive Committee Meeting

## **Executive Committee Meeting**

Cleveland Surveying News Deadline

## **Annual Meeting**

February 7-9, 2008

PLSO Annual Conference, Cleveland



**This is an invitation to join a new organization known as:**

## **SECRET SOCIETY OF SENIOR SURVEYORS (S<sup>4</sup>)**

*Definitions:*

Why Secret: No Reason, Just adds another “S”

Society: Group, Club, Whatever.

Senior: Sixtyish. Being retired is not a requirement.

Surveyors: If you do not know by now, it is way too late anyway. Those who have practiced, worked or played in the profession of Land Surveying or related endeavors.

Professional  
Affiliation: PLSO, ACSM, OSPE or **NONE**.

Meetings: Lunch at Sokolowski’s University Inn  
1201 University Road  
Cleveland, Ohio

Cost: Your Meal

When: The Third Tuesday of the Month, 12:30 P.M.

Agenda: Exchange War Stories, Tell Tall Tales, Bemoan Current State of Surveying, Share Insight and Knowledge, General B.S.

Rules: No Dues, No Membership But Shirt and Shoes Are Required.

Who: Whoever Can Make It. No Reservations.

**Come out and enjoy.**

For more information, call either John Dailey (440-888-1930) or  
Jack Hoy (440-877-1434).

# CPD OPPORTUNITY

From the Western Reserve Chapter (eight openings remaining as of 4/3/7)

## ***April 21, 2007*** ***Professional Development*** ***Education for Surveyors***

The *Saturday Program Series* is supported by the local membership of the Western Reserve Chapter of the Professional Land Surveyors of Ohio, Inc. with leadership from and in cooperation with the University of Akron Surveying Department. Our list of qualified speakers draws from not only the pool of qualified University professors, but also other specialists of their own area of practice.

**Certificates of Attendance**, useful for PDH record keeping, will be awarded at the end of the day. Due to the nature of this spring's program, space is limited to the **first 24 registrants**. Contact Tim Briggs, either in person, email, or by leaving a phone message at 330-928-4171 afternoons, to make a reservation. You must leave a return phone number to be used for confirmation, in the event of class cancellation, or for regretful notification when the program reaches capacity.

A **FEE** of only 45 dollars per attendee will insure the program continues. (Non PLSO Members \$55.21) Cash or checks are to be collected during registration time prior to class. Part of this fee is for a temporary Parking Pass handed out during registration-place this immediately on your rear view mirror.

This program's tentative presenters are:

**Larry C. Shubat** – Associate Professor, Surveying and Mapping, Summit College holds a Masters in Geodesy from OSU 1987, a Masters in Geography/ GIS from Univ. of Akron 2005, has 20 years experience in the US Army, Mapping Charting and Geodesy.

### **Daniel Kalstrom, PS –**

Former and guest Instructor at the University of Akron Surveying and Mapping Dept. Years as Chief Surveyor for the City of Akron. Owns and manages Kalstrom Surveying, Inc. serving Akron and nearby communities.

**Joe Shovione, PE, PS-** Chief Building Department Official for the Summit County Building Department. The Summit County Building Department regulates the construction, demolition and occupancy of buildings and structures within Summit County. They review, approve and issue all permits required by code for the new construction, repair, alteration, or addition to all public and private buildings and structures.

### **Captain Hylton E. Baker -**

Drug Unit, Summit County Sheriff's Department. 25 years experience. 17 years experience with Narcotics Investigations and enforcement. Commander of the multi-jurisdictional Drug Task Force. Provides Methamphetamine awareness training to law enforcement, first responders, and citizens. Featured presenter for National FOP Enforcement Expo and Ohio Attorney General's Office 2005 Conference. Certified Ohio Police Office Training Academy Instructor. Accommodations: Task Force has led the State past 4 years in ID, and dismantling of illicit meth sites.

### **Gary Shuller, PS –**

Assistant Professor, Surveying and Mapping Engineering and Science Technology, University of Akron. years experience with the Survey Department of the City of Akron Engineering Bureau.

# TENATIVE

SATURDAY PROGRAM

April 21<sup>st</sup>, 2007

The University Akron, Shrank Hall South, Room 119, (Exchange opposite McDonalds)

8:00 Registration Opens      Bagels, muffins, coffee, parking passes

	All events Room 119	
8:30	<b><i>DATUMS and GIS</i></b> - Larry Shubat A review of datums and the wide world of Geographic Information Systems. Covering such areas as a review of Datums and the shift in origin for the Ohio State Plane Coordinate System North Zone between NAD27 and NAD83, the new NAD83(NSRS2007) adjustment, and GIS - finding and editing GIS metadata.	
10:30	Break	
10:45	<b><i>ODOT RIGHT OF WAY, CAUSES AND CURES</i></b> , Daniel Kalstrom, PS A look at the current trends and conditions of right of ways, plan preparation and mapping used to define the state of Ohio's passageways.	
11:45	Lunch Break on your own	
1:00	<b><i>METHAMPHETAMINE AWARENESS FOR SUREYORS</i></b> , Captain Baker. A discussion covering the met amphetamine manufacture epidemic in rural America – for your health and safety.	
2:00	<b><i>ALTA/ACSM POSITIONAL TOLERANCE</i></b> , Gary Shuller, PS. Reasoning and methods behind obtaining the precision accuracy tolerance for ALTA/ACSM Surveys.	
3:00	Break	
3:15	<b><i>ELEMENTS OF A SITE PLAN</i></b> , Joe Schiavone, PE, PS A explanation of the duty of the Building Department, and various points of review for Residential and Commercial Site Plans.	
4:15	End.	



## C.S.T. CLASS SURVEY

March 1, 2007



**Tom Snezek**  
Education Trustee

### TO: Potential C.S.T. Class sponsors and attendees:

The Cleveland Chapter of the Professional Land Surveyors of Ohio, through it's Education Committee, is exploring potential changes to the programming and format of the Certified Survey Technician training program.

The current programming focuses on preparing the student to take the examination for one of the NSPS Certified Technician certification levels. In an effort to better serve the membership and the surveying community as a whole, we are considering revising the program curriculum and are conducting this survey to explore the interests and ideas that the Surveying/Construction community may have.

**Please take a few minutes to review and fill out the survey form. We cannot provide a quality training and technical program without your input!**

#### 1. How many non-licensed surveying staff members does your firm employ?

a. Party Chiefs \_\_\_\_ b. Instrument Operators \_\_\_\_ c. Crew Members \_\_\_\_ d. CAD Technicians \_\_\_\_

#### 2. How many of your non-licensed staff members currently hold NSPS CST Certification and at what level:

Level 1 \_\_\_\_ Level 2 \_\_\_\_ Level 3 \_\_\_\_

#### 3. In what area of surveying expertise does your firm regularly practice:

Boundary Surveys \_\_\_\_ % ALTA Surveys \_\_\_\_ % Construction Stakeout \_\_\_\_ %

Route & Utility Surveys \_\_\_\_ % Mortgage Loan Surveys \_\_\_\_ % Site Plan & Topographic \_\_\_\_ %

Others \_\_\_\_\_ % \_\_\_\_\_ %

#### 4. As a manager, what areas of expertise would you like to see addressed in a Technical Program?

---



---

**5. It is envisioned that smaller groups of specialized classes may be warranted, rather than the current practice of one continuous curriculum running from September to April. If more specialized class groupings are adopted, please list in order of descending importance, those topics you would like to see addressed:**

I. \_\_\_\_\_ II. \_\_\_\_\_ III. \_\_\_\_\_  
IV. \_\_\_\_\_ V. \_\_\_\_\_

**6. Would you or one of your staff be willing to teach any of the classes that may be developed?**

\_\_\_\_\_  
\_\_\_\_\_

**7. Would your company be willing to develop or host an equipment demonstration and/or an on-site procedural demonstration as part of a class?**

\_\_\_\_\_  
\_\_\_\_\_

**8. Does your company offer promotional or financial rewards for those employees who have completed our classes or who have become certified as a result of our classes?**

\_\_\_\_\_  
\_\_\_\_\_

Your Company Name, \_\_\_\_\_

Your Name & Title, \_\_\_\_\_

Your Phone and Email, \_\_\_\_\_

Thank you for taking time out to complete this survey. Please return your completed surveys by May 1, 2007. You can fax the completed survey to me at 216-348-3884 or if you downloaded the word document off our web page or from our newsletter email and can fill in the form, simply return email the completed survey to [tmsnezek@cuycityengineers.org](mailto:tmsnezek@cuycityengineers.org). You can also mail the completed form to the Chapter PO Box listed on page 2.

If you have any questions, please feel free to call me at 216-348-3846 or on my cell at 216-701-5025.