

A nighttime photograph of the Cleveland skyline. The main focus is the Bix Creek Creek Bridge, a large steel arch bridge illuminated with blue lights. Below it, the E. W. Hauck Bridge, a smaller steel truss bridge, is illuminated with warm yellow lights. The bridges span the Cuyahoga River, which reflects the lights. In the background, city buildings are visible, including the Terminal Tower. The sky is dark, and the overall scene is a vibrant urban nightscape.

JANUARY 2007

Cleveland Surveying News

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

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Cleveland Surveying News

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John G. Hoy, P.S. Editor

Robert G. Hoy, P.S. Photographer

CLEVELAND CHAPTER

Professional Land Surveyors of Ohio
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Cover Photograph: "Superior over Center Swing" by John G. Hoy

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Change is Good! When I started as Newsletter Editor in 2002 my goal was to bring this publication up to a quality that Chapter Members appreciated. The changes since then could only have happened because of the work and willingness of the Executive Committee. John Dailey and Bob Hoy also generously allowed me to twist their arms into writing regular columns or drawing on their talents. Thank you all.

In January, the Executive Committee took the newsletter to the next level and approved changing it to an electronic document. No more paper, printing, labeling, postage and the restrictions that they impose. This is the last paper copy to be sent to members.

What to expect for 2007?

If I do not already have your email address, send me an email with the subject line "PLSO email list". When each of the eight newsletters is ready, you will receive an email stating that it is ready to download from the Cleveland Chapter website: www.plso.com. If I still do not have an email address for you, expect to receive a postcard with the same notification. We expect the vast majority of the chapter to have internet access. If you don't own a computer or don't have web access, your public library has internet access available. I've checked with a Cuyahoga County branch and they have plenty of internet computers. You can call up the newsletter and view or print a copy (or save to a USB jump drive) all for the cost of a free library card. I'll also be working with Robert P. Krause, the host of our website, to keep it updated with current information and news. If you have any suggestions, I'm just an email away.



John G. Hoy

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November 2, 2006

Our last Seminar Meeting of 2006 was a panel presentation. The evening was fairly evenly split amongst the three speakers: John Matricardi, P.E. of Matrix Engineering, Mark Yeager, P.S. of KS Associates, Inc. and Peter D. Zwick, P.S., P.E. of Zwick Associates, Inc.

John Matricardi explained the procedures for creating an ODNR Submerged Land Lease. He covered forms for permits and lease applications, guidelines for preliminary lease descriptions and plats, Ohio Revised Code concerning leases and rental rates, procedures for preparing ODNR submerged land leases and provided a sample land lease plat and description. His presentation was very informative. He mentioned that there are several lawsuits concerning submerged land leases which may have an affect on these procedures but that there are currently over 800 such leases and around 2000 other land owners who should have them. John can be emailed at matrixlake@aol.com.

Mark Yeager reviewed the 2005 revision to the ALTA / ACSM Land Title Survey Specifications. Mark detailed changes and the reason changes were made, most often to protect liability of the surveyor



Peter D.
Zwick, P.S., P.E.

concerning areas outside the expertise of the profession. One important point everyone took from his presentation: any change to the language of the standard certification and the survey can no longer be titled an ALTA / ACSM Land Title Survey. (Both ALTA and NSPS agree on that point)

Peter Zwick outlined the changes to Ohio Condominium laws as they pertain to surveying. Particular items include revised definition of terms and requirements for certifications.

The new Seminar Meeting format has proven to be very successful. This meeting experienced a 60% increase in attendance, a total of 44. The hotel easily accommodated the change, added additional staff and the meeting ran smoothly and on time. Although our Chapter boundaries



John Matricardi, P.E.



Mark Yeager, P.S.

are Lorain and Cuyahoga counties, we had attendees from Geauga, Lake, Medina, Sandusky and Summit.



The next subscription of Seminar Meetings begins in March. Registration will be in February. The March 1, 2007 speaker is Doug Fleming, P.S. the Chief Surveyor of Allega Cement Contractors. His topic: "Today's Computer Applications in the Construction Industry" including stakeout from 3D model files.

Cleveland Chapter Annual Meeting

Thursday, January 25, 2007

Location:

Frank Sterle's Country House
1401 East 55th Street
Cleveland, Ohio
216-881-4181

6:00 p.m. Registration / Cocktails
6:30 - 7:30 Dinner
7:30 - 8:30 Meeting

FAMILY STYLE MENU: Soup, Salad, Wienerschnitzel, Roast Pork, Boneless breast of Chicken, Rigatoni or Rice, Vegetable, Potato, Coffee and Strudel

Cost: \$22.00 per person

AGENDA: The usual *Order of Business for the Annual Meeting* including the **Installation of Officers** and the presentation of the **Surveyor of the Year** award.

RESERVATIONS ARE REQUIRED to provide the restaurant with an accurate number. Please phone your reservation in advance to Peter D. Zwick, P.S., P.E. at (440) 235-2729.

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2007 Cleveland Chapter
Surveyor of the Year
Neil Juhnke, P.S.

Neil was born and raised in Cleveland, Ohio and is a 1980 graduate of Charles F. Brush High School. He obtained an Associates Degree in Electronics from Cuyahoga County Community College in 1984. During which time and for a couple of year after graduating, he worked for Ralph C. Tyler Company as a draftsman, which introduced him to the field of Civil Engineering and Surveying.

In 1986 Neil began his current career with the County Engineer's office by taking a drafting position with the Tax Map Department. There he further developed his knowledge of mapping, deed research and surveying principals. He also was at the forefront of the development and conversion of the mapping from hand-drawn to digital environments.

Moving to the Survey Department in 1988, he was able to expand his knowledge of Surveying by working on the development and review of the Right-of-Way plans for various Highway and Bridge Projects throughout the County. This would later allow him to serve on the standards committee for the development of digital drawings and legal descriptions. He was also involved with the development of Data Collection and GPS download standard procedures for County projects.

Neil's desire to improve himself led him to the field in the 1990's. There, through various County assignments and other outside affiliations, he developed the skills needed to put field application together with his knowledge of plan and plat development. Taking advantage of these skills, he took and passed the surveyor's exam and become a licensed surveyor in 1997.

In that same year he joined and became active in the Cleveland Chapter of the P.L.S.O. As a member and officer of the Chapter, Neil has served in many ways to better the organization. Starting as the Secretary in 2000, then President Elect in 2002, President in 2003, Past-President in 2004 and Secretary again up till this year. He has served as an alternate delegate to the State monthly meetings more than once and in 2004 he served as the Registration Committee Chairman for the State Conference held here in Cleveland.

In 2002 Neil was promoted to his current position of Office Supervisor for the Survey Department of the Cuyahoga County Engineers and in that capacity, he is directing, training and guiding the other technicians within the department on matters relating to surveying and Right-of-Way plan development. He continues to develop his skills in the area of GPS Technology, Digital Terrain Modeling and the latest surveying soft-wares.

Married in 1985, Neil is a dedicated husband to his wife Gina, devoted father of two girls, Alyssa (15) and Jessica (13) and when not at school events, overseeing homework or enjoying his families company, he may be found in his alter ego. Dressed in jeans, Rock-n-Roll tee shirt, and signature white sneakers sitting on a stool in the Maple Inn "jamin" on his guitar dreaming of the multimillion-dollar contract that will launch his Rock-Star career.

The Cleveland Chapter DATA BANK is located at the offices of Garrett & Associates. Inc. at 2030 West 19th Street in Cleveland. Contact Bob Hoy (see below) or Richard T. Garrett 216-696-6080 for information concerning the records or to arrange access.

The 2nd scan of surveys from the Data Bank are still available, only to Members of PLSO, at the Seminar Meetings. The single DVD (or special order of four CDs) contain approximately 2700 surveys. Included is a 42 page index sorted numerically by survey number and also by township/section/lot. Individual copies can be printed (with a one week notice) for a donation of \$25.00.

Reserve your copy by contacting Bob Hoy prior to the meeting: (440) 365-4730 or Hoyr@ksassociates.com.

Mark Yeager did not submit a written report. The following highlights were compiled from meeting minutes and notes - Editor.

- The 2007 budget was approved.
- \$1,000 was approved to support the Akron students in the "Railroad Surveying" ACSM competition.
- Indiana State Line retracement is scheduled for the spring.
- The "Ohio Surveying Newsletter" issue 3 has been delayed. The deadline for submittals for issue 4 is November 4th, 2006.
- Paul Dinan is requesting every chapter to have a Trig-Star representative and program.
- There will be no December State Executive Committee Meeting.
- NSPS has raised half of the necessary funds to produce a safety video. \$1,000 was approved to donate to this project.
- **The PLSO Business Seminar in October at the Quest Conference Center was a failure. Attendance was expected to be three hundred and guarantees were made based on that figure. Registration as of October 10th was only twenty six. Cancellation, per contract, was \$24,000.00. Actual attendance was only forty six. The loss was over \$27,000.00 and subsequently renegotiated to \$10,000.00.**

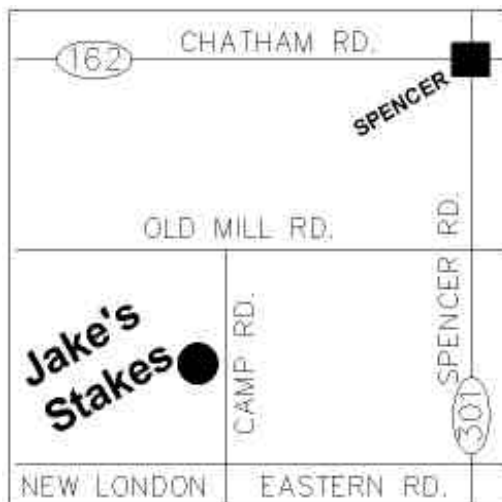
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Dear Members:

The holidays are over and the New Year is upon us. With the end of the holidays comes the end of my term as your Chapter President. This last year has flown by for me. I can't believe that it is over. Many changes and activities have taken place during my term as President. We have implemented the new CPD Seminar Meeting format, we have updated the Executive Committee handbook, we have started the process of hosting the 2008 PLSO Annual Conference to be held at the Renaissance Hotel in Cleveland on February 7, 8 and 9, 2008 and we have had a successful Golf Outing and Picnic.



I would like to take this opportunity to personally thank the Executive Committee members Sean Boland, Neil Juhnke, John Hoy, Peter Zwick, John Bischof, Dave Bruckner, Mark Yeager, Tom Snezek and Kathleen McGervey for all their hard work and dedication last year. In addition to the Executive Committee members I would also like to thank Jack Hoy, John Dailey, Bob Hoy and Rick Ziegman for all the time that they put into last years efforts. All of these individuals took time out of their busy schedules to dedicate their talent so that this organization could have another successful year. It would not have been possible without their help.

Being Chapter President was truly a rewarding experience. Having the opportunity to work with so many dedicated hard working people showed me that the future looks bright for the Cleveland Chapter of PLSO. I would recommend that any member interested in serving in any capacity please consider to do so. There is much more work to be done. We need new people with new ideas to get involved in PLSO and keep this organization advancing in the right direction. There is always room for improvement. Thanks to all of you for giving me this opportunity to serve and I hope to see many of you at the Annual Meeting scheduled for January 25, 2007 and at the Annual Conference scheduled for February 8, 9 and 10, 2007 to be held in Sharonville, Ohio (a suburb on the north side of Cincinnati).

Respectfully,

Joseph F. O'Donnell, Jr., P.S.

Executive Committee Meeting

January 8, 2007 at Frankie's Italian Cuisine in North Olmsted, called to order at 5:35 p.m.

Officers In Attendance: Joe O'Donnell, John Bischof, Sean Boland, Pete Zwick, John Hoy, Mark Yeager, Dave Bruckner, Tom Snezek, & Neil Juhnke. Absent was Kathleen McGervey. Also in attendance: Jack Hoy, Tim Feller, Louise Veverka, and Bob Hoy.

Highlights:

- John Hoy is working to put the monthly newsletter on the web with the goal of the newsletter becoming paperless beginning in March. After the January newsletter, members will receive an email or postcard notifying them it is ready at the website.
- The Cleveland Chapter Executive Committee handbook has been updated and adopted by the Executive Committee.
- The budget for 2007 was submitted by Dave Bruckner and accepted by the Executive Committee.
- The Cleveland Chapter sent flowers to the family of Vince McGervey, P.S. who passed away.
- Election results were reported by the Tellers Committee, new members will be sworn in at the annual meeting.
- We are looking for a volunteer from the Cleveland Chapter to be our Trig-Star Representative to NSPS.
- The 2008 PLSO Conference Committee is still looking for volunteers to chair several positions.
- The Cleveland Chapter Surveyor of the Year was announced.

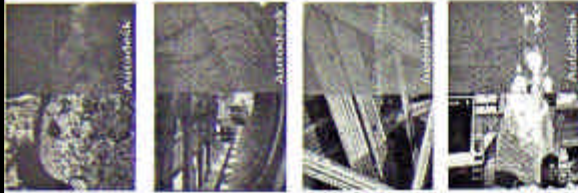


Neil Juhnke
Secretary

Meeting was adjourned at 6:15 p.m.

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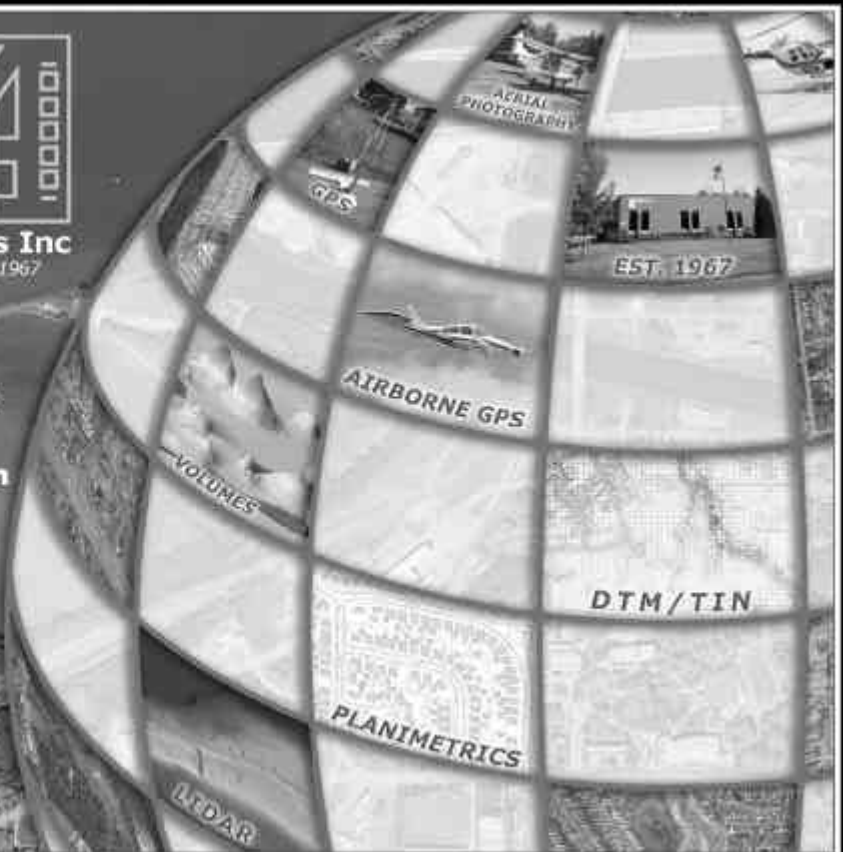
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JANUARY, 2007

The Cleveland Chapter is about celebrate its 34th anniversary and to begin its 35th year of operations. Of our 34 Presidents, 7 are deceased. Of the remainder, I hope a large number will attend the Annual Meeting on January 25 to welcome the newly elected officers and to show their support for both the officers and the Chapter. This would mean a great deal to the new officers.



It is interesting to look back at the members who have served this Chapter and our profession so well, not only as President, but as the committee chairs and volunteer workers who make things happen.

Some of the Presidents have been very pro-active, forcing the Chapter to take bold steps into the future and making some decisions that have affected all surveyors. Others Presidents have been reactive, waiting for something to happen then taking the necessary steps to respond to the situation. A society needs both kinds of leaders. No society can survive as only an aggressive, pushy bunch. You have to stop occasionally and solidify the gains made.

Speaking of societies and Annual Meetings, the PLSO State Meeting is in Cincinnati on February 8 to 10. This will also be a good meeting with a lot of educational opportunities. The Cleveland Chapter should have a large contingent at this meeting. Remember, that meeting is coming to Cleveland in 2008 and this would be a good time to look around and see what works and what does not.

In March, the Cleveland Chapter will begin its seminar series. The six seminars, including dinner, will be available at a subscription price of \$180.00. That averages out to only \$30 per session which would normally be the cost of dinner only. This is an easy way to pick up CPD credits and to socialize with your fellow professionals.

In September, 2008, the Surveyors Historical Society will hold its annual Surveyors Rendevous in Akron. If you have ever attended one of these Rendevous, you know that it is a good combination of both education and fun. The survey and historical knowledge of these people is mind boggling. There will also be a "swap meet" of antique and unusual surveying equipment and a "Roadshow" to appraise older equipment. Plan to attend. You will not regret it.

On a separate matter, I seem to have lost my Issue 3 of the 2006 Ohio Surveying News. If anyone has a copy of this "fall" edition, I would appreciate a copy.

John E. Dailey, Past (jdailey@sbcglobal.net)

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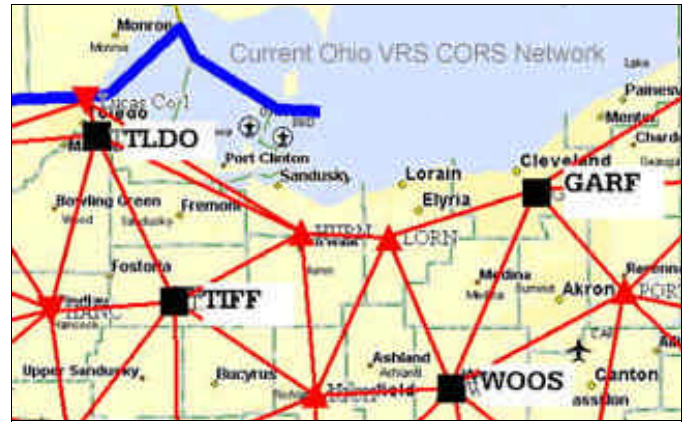
- ? MultiTrack technology combines passive with active Target ID
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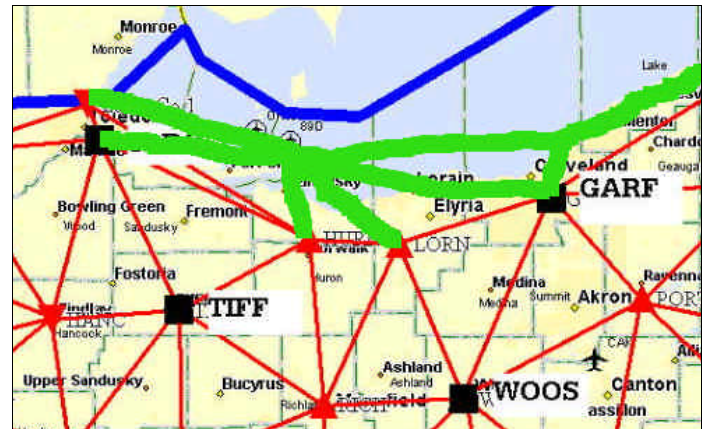
ODOT CORS VRS: A brief update

The Ohio Department of Transportation's Continually Operating Reference Station network operated by the Department of Aerial Engineering, has network coverage gaps around the border of Ohio. Positions outside the triangulation network are subject to larger and unpredictable residual errors. ODOT's current network leaves the northern half of both counties in our Chapter, Cuyahoga and Lorain, outside of their network as shown in the image to the right.



In the past few months the National Geodetic Survey has added CORS sites to their database of downloadable CORS sites at Marblehead Island (OHMH) and at Gordon Park in Cleveland (OHCD) as shown as the red circle stations. (left)

These two locations are in very advantageous positions for ODOT VRS users in Cuyahoga and Lorain counties. If these two sites were added to the ODOT CORS network, it would resemble the image on the right. The thicker green lines would be the new network coverage area completely encompassing our two counties.



I inquired about these stations being added to ODOT's VRS network with David Albrecht, Survey Operations Manager of ODOT's Office of Aerial Engineering. David stated that NGS does not object to ODOT linking their data into the VRS system, but these two stations are tied to only 56k data transmission lines that are too slow to be integrated.

If you or someone you know can help get these new stations linked to a high speed internet connection, please contact David Albrecht at dave.albrecht@dot.state.oh.us or 614-275-1368. Details about these two locations, including Google Map links, can be easily found by clicking on the State of Ohio on the map at <http://www.ngs.noaa.gov/CORS/> and then clicking on the red OHMH and OHCD as seen earlier in in this article.

Robert G. Hoy, P.S.

**CLEVELAND CHAPTER PLSO
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Calendar

January 8	Executive Committee Meeting
January 12	Cleveland Surveying News Deadline
January 25	State Executive Committee Meeting
	Annual Meeting
February 5	Cleveland Surveying News Deadline
February 8-10	Annual Conference - Sharonville, Ohio
February 9	PLSO Annual Meeting
February 12	Executive Committee Meeting

March 1	Seminar Meeting
March 2	State Executive Committee Meeting
March 9-12	ACSM-IPLSA-MSPS Annual Conference St. Louis, MO. www.acsm.net/conference.html
March 19	Executive Committee Meeting
March 23	Cleveland Surveying News Deadline
April 12	Seminar Meeting
April 13	State Executive Committee Meeting
April 16	Executive Committee Meeting
April 20	Cleveland Surveying News Deadline
2008	
February 7-9	PLSO Annual Conference Cleveland

This Month's Quote:

"I've learned that one should keep his words both soft and tender, because tomorrow you may have to eat them."

Andy Rooney