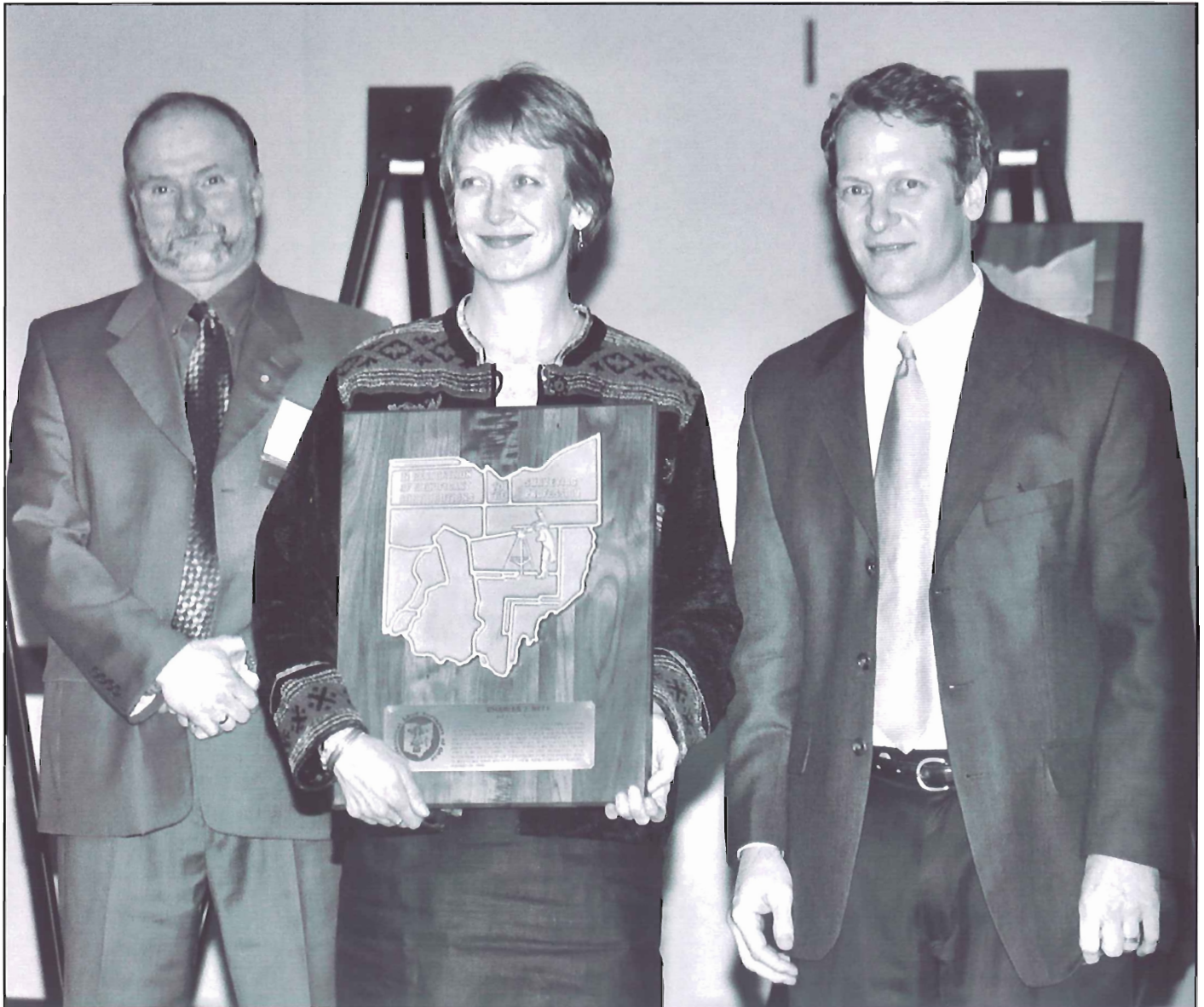


Cleveland Surveying News

March 2004



Sue Neff and her brother Matt Neff PE., P.S. represent their family as they accept the plaque honoring their father, Charles J. Neff, as *Surveyor of the Past* at the 2004 PLSO Conference. Looking on is Thomas M. Snezek, Conference Program Chair and the Cleveland Chapter 2004 *Surveyor of the Year*.

Affiliated with:



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Greetings:

The Chapter "kicked-off" 2004 with the induction of new officers at the January 22nd meeting in "Der Braumeister Restaurant". Our PLSO President Steve Hyde, P.S. joined us for the occasion from the Columbus area to experience a good old fashioned Lake Effect snowstorm. We also honored Tom Snezek, P.S. who took home the Chapter's "Surveyor of the Year" award. Congratulations Tom!

As most of you know, the Chapter hosted the State conference earlier this month. The conference went extremely well, thanks to the efforts of the Conference Committee led by Louise Veverka, P.S. "Lou" had the foresight to begin organizing the conference over a year ago, which made the effort during the last month or two much easier. Numerous conference attendees from outside the Chapter provided positive comments about the conference organization and activities. The Friday evening banquet culminated the conference, which was highlighted by a speech from Mayor Jane Campbell and presentation by Ron Oberlander of Topcon. Ron provided an interesting presentation on how surveying equipment was used to help the recovery efforts during the aftermath of the WTC attacks. Many thanks to all of the conference speakers, exhibitors and all that helped make the conference a success.

In closing I'd like to thank last year's President, Bob Klaiber, P.E., P.S. for leading the Chapter through 2003. Our meeting dates didn't always agree with Bob's busy schedule, but his efforts to actively support the PLSO are greatly appreciated.

Sincerely,

Mark A. Yeager, P.S.

2004 Executive Committee

President Mark A. Yeager (440) 365-4730 x330 yeager@ksassoc.com	Chapter Delegate Louise A. Veverka (440) 230-2565 lvsurvey@aol.com
President Elect Sean A. Boland (440) 835-5632 Sboland611@aol.com	Communication John G. Hoy (216) 476-3600 hoy7419@cs.com
Past President Robert C. Klaiber (216) 348-3800 rklaiber@cuyctyengineers.org	Education John J. Bischof (216) 398-6400 jbischof@wadetrim.com
Treasurer Joseph F. O'Donnell, Jr. (216) 529-6809 Joe.o'donnell@lakewoodoh.net	Professional Development Robert Hoy (440) 835-9400 rhoy@rewarner.com
Secretary Neil M. Juhnke (216) 348-3857 njuhnke@ameritech.net	Program Jack Hoy (440) 877-1434 jhoy4800@aol.com

Newsletter

2004 Newsletter Advertising rates:

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One-half page: 4.5" h. X 7.5" w. \$200.00 yr.

Inserts: 8.5" x 11" both sides \$100.00 each issue
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Help Wanted or Position Wanted up to 1/2 page:
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Contact: John G. Hoy, Newsletter Editor
 216-476-3600
 hoy7419@cs.com

The meeting January 22, 2004 at Der Braumeister Restaurant in Cleveland.

Officers attending were Mark Yeager, Tom Snezek, Jack Hoy, John Hoy, Bob Hoy, John Bischof, Sean Boland, Louise Veverka and Neil Juhnke.

Mark Yeager began the meeting by asking all the attendees to introduce themselves.

There was a moment of silence in the honor of Mike Papcum who recently past away.

The meeting format was abbreviated to allow for the events of the Annual Meeting.

Tom Snezek reminded everyone that the Chapter Delegate report was in the newsletter.

Jack Hoy asked if anyone was interested in having a Cleveland Chapter picnic this year and most said yes, Jack will look into it. The Golf Outing will be June 25th, 2004.

John Hoy presented Tom Snezek with the *Surveyor of the Year* award.

John Daily inducted the 2004 Executive Committee and encouraged the membership to support them throughout the year.

The meeting adjourned at 8:30 P.M.

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A continuing article for three different styles of field work.

Traditional: Transit, steel tape, and level.

Total Station: Most common method of surveying today.

Robotic: Remote control instruments - 1 person crew advice.

Traditional

Level work. If the rodman is taking the field notes, have the level operator radio the rod reading twice. The rodman not always understand the first call. Television sponsors occasionally run two spots in a row. The second commercial helps instill the brand or product in the viewer's mind.

Total Station

Bulls eye bubbles on a tribrach behave similar to vial bubbles on transits and total stations. When centering the bulls eye bubble, be patient. The bubble might continue to move after you have stopped rotating the leveling screws. A few extra seconds to double check your backsight bubble may improve your overall accuracy.

Robotic

Anticipate where your robot is looking. Sometimes robots stray when they lose lock on your prism. When performing stakeout notice what zenith angle your robot is aimed at before you tell it to "search" for your prism. If you know its aiming a few feet about your head, raise the rod up while it searches. A zenith angle you know would be below your feet would make you want to lean your rod towards the ground during the robot's search.

More next month — Robert G. Hoy

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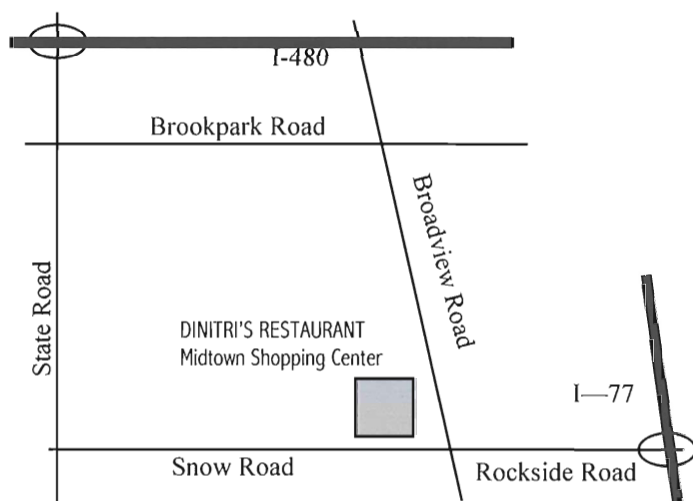
Cleveland Chapter PLSO

GENERAL MEMBERSHIP DINNER MEETING

Thursday March 4, 2004

Location

Dimitri's Restaurant
1830 Snow Road
Parma, Ohio



Menu

Choice of :

Roast Sirloin of Beef
 Chicken Breast Parmigiana
 Broiled Boston Scrod

Includes: Tossed Garden Salad
 Baked Potato, Vegetable Du Jour
 Rolls & Butter
 Coffee, tea or iced tea
 Sherbet

COST: \$18.00

Includes tax & tip

Reservations:

Call John G. Hoy at (216) 476-3600 by Tuesday
 March 2, 2004. Please call on time. Thank you.

PROGRAM

Tom Snezek of the Cuyahoga County Engineer's office is presenting information on the products they now have available, including details on the new color digital orthophotos.

AGENDA

RELAXATION HOUR (CASH BAR)	6:00
DINNER	7:00
MEETING	8:00

ITEMS FOR DISCUSSION INCLUDE:

Proposed revisions to the "Definition of a Surveyor" in Chapter 4733.01
 (See pages 8 thru 10 of this newsletter)

PLSO Conference 2004 Update

2004 Summer Picnic

THOSE NOT INTERESTED IN JOINING US FOR DINNER ARE ALWAYS WELCOME FOR THE PROGRAM AND MEETING

Here it is February and winter is on the down hill slide. It is not over, but we are half way to spring. After all the ice in my driveway, I can't wait.

I would like to talk about a couple of things this month. First, the 2004 PLSO State Meeting held **in Cleveland**. I emphasis "in Cleveland" for the majority of our Chapter members who may have missed it. The turnout of Cleveland Chapter members was not bad, but it could have been better.

The two all day sessions I attended were well done and well attended. Gary Kent speaking on ALTA/ACSM/NSPS Land Title Surveys should have been required continuing education for all surveyors. The other on FEMA mapping brought up some ideas I had not considered and will prove to be most helpful in the future. I heard a lot of positive comments about all the sessions.

The committee headed by Past President Louise Veverka did a fine job of handling a state meeting during trying economic times. Louise and the committee put together a good program, did a lot of hard work and deserve our thanks.

Louise, to you and your committee, if nobody else has said it yet, thank you.

The other item I would like to talk about hits even closer to home. In March, Ohio will have a primary election. On the ballot will be choices for a lot of public offices from President to precinct committee person. Each office deserves your attention.

Also on the ballot will be a lot of money issues that will determine the course of our communities for years to come. Schools, libraries, parks and your communities need money and they are looking for either continued or new levies. The choices for these issues should be made by a majority of the tax payers, not by a small minority.

We have the opportunity every two years to direct where we want our country to go and to decide what issues are really important to us. Most of the rest of the world either envies us or hates us for having this right of self determination. Even with this ability to determine our future, more than half of the American citizens do not even bother to exercise this right. I could talk about the sacrifices people have made to guarantee us this right, but you have heard it all before and I should not have to repeat it here. Andrew, my two and one-half year old grandson says it best: "You know better." Along with every "right" there is a duty to protect that right. Like everything else, you either use it or lose it.

I have too much respect for you to try to tell you how to vote. You are much too intelligent for that. Make your own decisions. The only thing I will request is that you get out and vote. Your future and the future of coming generations is in your hands. What are you going to do with it?

John E. Dailey, Past

PROFESSIONAL DEVELOPMENT

7

The Chapter DATA BANK is located at the offices of Garrett & Associates. Inc. at 2030 West 19th Street in Cleveland. Contact Robert Hoy 440-835-9400 or Richard T. Garrett 216-696-6080 for information concerning the records or access to the data.

MEMBERSHIP

The following were approved for membership at the PLSO Executive Committee meeting on February 5, 2004.

PROFESSIONAL: Christopher M. Hirzel, Lakewood, Ohio
AFFILIATE: Aaron P. Appell, Willoughby, Ohio
Kimberly A. Repenning, Elyria, Ohio
Samantha R. Veverka, North Royalton, Ohio

Amy M. Kelly, Avon, Ohio
Thomas J. Smith, Sheffield, Ohio

The next time you see them please welcome these new members to the Chapter.

EDITOR'S NOTE

Advertising in the newsletter is aimed toward our surveyor's vendors and suppliers. Individual members willing to support their newsletter can become a Sustaining Member by making a donation (minimum \$50.00). Send a check made out to **Cleveland Chapter PLSO** to this address:

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The meeting was held at the 2004 conference in Cleveland, Ohio on Thursday, February 5, 2004. The following are the important items.

Summit County Engineers request to remove the P.S. requirement for county engineer. Mark Jones reported that Summit County is a charter county and operates under their own rules. They are exempt from state law. The request is still going through hearings. More information to follow.

New members were accepted into PLSO. The Cleveland Chapter has 1 new professional member and 5 new associate members.

State Board of Registration Delegate Frank Snyder requests that surveyors stop doing engineering work, also that the 2006 and 2007 budgets can not exceed the 2003 number.

Committee Reports: Standards – Tim Schram requests that all the chapters review the changes proposed to the standards and report back to the executive committee at the March meeting. **Constitution Review** – Frank Snyder is reviewing the life and student membership requirements and will report next month. **Newsletter** – Don Friemoth reported that March 1st is the cutoff for the next newsletter and golf outings should be in by then. **Trig Star** – Frank Snyder would like to see more people involved with the Trig Star program. Although most winners do not become surveyors, other participants do. **CST Examinations** – J. Ellison was giving the exam at the conference to 6 students and the exam will in the future be “exam on demand” more to follow. **Annual conferences** -

L. Veverka gave an update of the 2004 conference. Miami Valley will hold the 2005 Conference Feb. 10, 11, & 12 in Dayton, Ohio. The 2004 Fall seminar will be held at Kings Island Resort, October 7 & 8. **Membership** – Don Friemoth reported the 2003 membership numbers are down. **Education** – Both Akron and Ohio State students were attending the conference and wanted to thank the PLSO for their continued support. A motion was made and carried to donate \$1000.00 to the Akron students for the ACSM Competition to be held in Tennessee. **Legislation** – M. Cameron reported that CRD has past the House and is moving through the Senate, there appears to be some opposition.

Executive Director's Report: Barb Jones reported that a check for \$880.00 was being forwarded to the Surveyor's museum. The refresher course was to be held on February 21st. The Cleveland Chapter was “breaking new ground” with the conference information on CD and if anyone has any comments please let her know. The exhibitor Chairperson should write a thank you to all exhibitors in attendance and give the dates for the 2005 Conference.

Presidents report: Steve Hyde thanked the members for their support and reminded everyone of the golf outing on May 21st.

Respectfully submitted,

Louise A. Veverka, Chapter Delegate

The following is a letter from Tim Schram, Standards Committee Chair, proposing a change to the Definition of a Surveyor. The Chapter needs to discuss this issue at the March Meeting and return our comments to the State Executive Committee.

Professional Land Surveyors of Ohio Executive Committee & Members at Large

Standards Committee Report; (Rev. 01/05/04) “Definition of Professional Surveying”

Committee Members and PLSO Membership;

This report has been revised based on accommodating the practice of photogrammetry, as it currently exists in the State of Ohio. I believe it is time that the Executive Committee Members make a recommendation for disposition of this issue. It is past the time when Ohio should take action to alleviate continued intrusion of other technical fields into the professional surveying practice. The proposed changes and additions in the following pages will be a modification of the NCEES Model Law language. The suggested changes are to eliminate from the practice, with limitations, the practice of photogrammetry and photogrammetrists in the professional surveying definition. This act can be a difficult issue to define as a fine line. It is intended to be more of a general limitation based on the use of the product as produced by mappers and photogrammetrists in the State of Ohio. The proposed changes are in *italics and “non-bold” lettering, with underline.*

It is the intent to regulate the practice of surveying where the end product is being utilized for establishment of, or use in, defining cadastral information, or the use of information or data as related to a cadastral base. Photogrammetrists can provide photogrammetry and mapping provided that any mapping or photogrammetric work utilizing horizontal, or vertical monumentation as a basis of control, should be completed based on horizontal and vertical control performed under the direct supervision of a registered professional surveyor.

It is requested that the Executive Committee take action on the proposed changes for the re-definition of "Professional Surveying" in the State of Ohio. Either as an acceptance to take the information to the membership at large, or to decline the report and release the charge assigned to the Standards Committee on this matter. Any suggested changes of the attached, shall be forwarded to the undersigned on or before April 1st, 2004, so that a final report can be prepared for consideration of the Executive Committee

Respectfully Submitted,

Tim Schram, Sr, PS
Standards Committee Chair

Proposed Changes to the Ohio Revised Code and Ohio Administrative Code:

Ohio Revised Code 4733

4733.01 Definitions.

As used in this chapter:

(A) "Professional engineer" means a person registered as a professional engineer under this chapter.

(B) "Engineer" means a graduate of an accredited engineering curriculum or a person registered as a professional engineer under this chapter, or both.

(C) "Accredited engineering curriculum" means an engineering curriculum accredited by the engineering accreditation commission of the accreditation board for engineering and technology.

(D) "The practice of engineering" includes any professional service, such as consultation, investigation, evaluation, planning, design, or inspection of construction or operation for the purpose of assuring compliance with drawings or specifications in connection with any public or privately owned public utilities, structures, buildings, machines, equipment, processes, works, or projects in the proper rendering of which the qualifications of section 4733.11 of the Revised Code are required to protect the public welfare or to safeguard life, health, or property.

(E) "Professional surveyor" ~~means a person who is registered as a professional surveyor under this chapter.~~ ***shall mean a person who has been duly licensed as a professional surveyor by the board established under this Act, and who is a professional specialist in the technique of***

measuring land, educated in the basic principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence and all requisite to surveying of real property, and engaged in the practice of surveying as herein defined.

(F) "Practice of surveying" means ~~any professional service that requires the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for the adequate performance of the art of surveying, including, but not limited to, measuring the area or the contours of any portion of the earth's surface, the lengths and directions of the bounding lines, and the contour of the surface, for their correct determination and description and for conveyancing for recording, or for the establishment or re-establishment of land boundaries and the platting of lands and subdivisions; and like measurements and operations involved in the surveying of mines, commonly known as "mine surveying."~~ *providing, or offering to provide professional services utilizing such sciences as mathematics, geodesy and cartography, and involving one (1) the making of geometric measurements and gathering related information pertaining to the physical or legal features of the earth, improvements on the earth, the space above, on, or below the earth and (2) providing utilizing, or developing the same into survey products such as graphics, data, maps, plats, reports, or descriptions. Professional services include acts of consultation, investigation, evaluation, expert testimony, planning, mapping, assembling and interpreting gathered measurements and information related to any one or more of the following:*

(1) Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects thereon.

(2) Determining by performing geodetic surveys the size and shape of the earth, or the position of any point on the earth.

(3) Determining the position for any survey control monument ~~(non-boundary)~~ or reference point; establishing or replacing any such monument or reference point.

~~(5)~~ *(4) Locating, relocating, establishing, reestablishing, or retracing property lines or boundaries of any tract of land, road, right of way, or easement.*

~~(6)~~ *(5) Making any survey for the division, subdivision, or consolidation of any tract(s) of land.*

~~(7)~~ *(6) Locating or laying out alignments, positions, or elevations for the construction of fixed works.*

~~(4)~~ *(7) Creating, preparing, or modifying electronic, computerized, or other data relative to the performance of the activities in the above described items (1) through ~~(3)~~ (6).*

~~(8) Determining, by the use of principals of surveying, the position for any survey monument (boundary or non-boundary) or reference point; establishing or replacing any such monument or reference point.~~

~~(9) Creating, preparing, or modifying electronic or computerized or other data relative to the performance of the activities in the above described items (5) through (8).~~

(G) The Practice of Photogrammetry is excluded from the above definition, unless the mapping product is dependant on a horizontal and, or vertical datum, and utilized in establishing and, or inclusive of cadastral information and, or in the performance of activities as described Section (F), items 1 through 7. In which case the mapping elements of control and cadastral information shall be prepared and, or completed under the direct supervision of a Professional Surveyor as defined herein.

2004 PLSO CONFERENCE

11



Exhibit Hall ready for Thursday morning kickoff

Cleveland Mayor, Jane Campbell gives the opening address at the Friday Banquet



The University of Akron Student Chapter's "Lewis & Clark" encampment in the exhibits hall

Newly Past President of PLSO, Steven J. Hyde, welcomes 2005 PLSO President, George F. Seymour



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**CLEVELAND CHAPTER PLSO
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John G. Hoy
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Calendar

March 4	General Membership Meeting
March 12	State Executive Committee Meeting
March 15	Executive Committee Meeting
March 19	Cleveland Surveying News Deadline
April 1	General Membership Meeting
April 16	State Executive Committee Meeting
April 19	Executive Committee Meeting
April 23	Cleveland Surveying News Deadline
May 6	General Membership Meeting
May 14	State Executive Committee Meeting
May 17	Executive Committee Meeting
May 21	Cleveland Surveying News Deadline
June 3	General Membership Meeting
June 25	Golf Outing
July 9	State Executive Committee Meeting
August 5	Picnic at Albion Woods
August 16	Executive Committee Meeting
August 20	Cleveland Surveying News Deadline

September 2	General Membership Meeting
September 10	State Executive Committee Meeting
September 17	Cleveland Surveying News Deadline
September 20	Executive Committee Meeting
September 30	General Membership Meeting (OCTOBER)
October 7-8	Fall Seminar (Kings Island Resort)
October 8	State Executive Committee Meeting
October 18	Executive Committee Meeting
October 22	Cleveland Surveying News Deadline
November 4	General Membership Meeting
November 12	State Executive Committee Meeting
November 15	Executive Committee Meeting
November 19	Cleveland Surveying News Deadline
December 10	State Executive Committee Meeting (IF NEEDED)
December 7	Executive Committee Meeting (IF NEEDED)
January 14 2005	State Executive Committee Meeting
January 17 2005	Executive Committee Meeting
January 21 2005	Cleveland Surveying News Deadline
February 10-12, 2005	PLSO Annual Conference, Dayton

This Month's Quote:

"I'll be so glad when this is over." - Any member of the Conference Committee