

# HOOSIER SURVEYOR



QUARTERLY PUBLICATION OF THE  
INDIANA SOCIETY OF  
PROFESSIONAL LAND SURVEYORS, INC.

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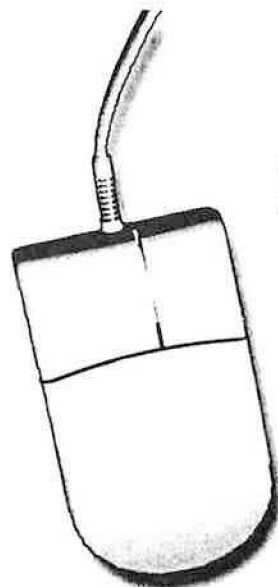


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See Article by Stephen Hansell on page 19





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## PRESIDENT'S THOUGHTS

by Anthony Gregory, Hobart Indiana



It sure is hard to believe that we are through July, and my year as President is already better than half over. The first half of my term has been, for the most part, enjoyable and educational. I hope that I can put some of the "lessons" I learned during the first half to good use during the remainder of my tenure.

a "mandatory topic" may not be approved by the Board of Registration as such, and is in fact approved to cover an "elective topic". For example, a recent seminar in Ethics was not approved as a "mandatory topic" since it did not focus on the Rules of Professional Conduct in Indiana outlined in Title 865 IAC 1-10, but only covered general ethics for professionals. That seminar was approved as an "elective topic".

If you have attended any of the ISPLS-sponsored seminars since the mandatory rule has been in effect, you would have noticed that attendance is monitored throughout the event and that the completion certificates contain more information than those used prior to the rule adoption. Seminar monitors are required to make sure that attendees arrive on time and remain in the seminar for its duration in order to receive a completion certificate. The Education Committee studied the rule and how other states monitored seminar attendance before developing these attendance policies.

The society has also increased the number of seminar offerings as a result of the mandatory continuing education rule. In the past, it was customary for the society to offer three seminars each year - one in the spring, one in the summer and one in the fall. Some chapters co-sponsored additional seminars in their immediate areas. So far this year (as of the end of July), ISPLS and ISPLS chapters have offered five seminars, and at least four others are planned by the end of the year. (This does not include the seminars included in the annual conference, which have also increased in number). The society is providing these offerings in order to allow members the opportunity to receive the continuing education hours necessary to satisfy the mandatory rule. Most of these seminars have filled up quickly, and many individuals have been turned away. This comes as no surprise as presenters have included Dennis Shreves, Knud Hermanson, and representatives from the Bureau of Land Management. The name of the game now is to register for seminars as early as possible - first come, first served!!

For many years, ISPLS has encouraged the local chapters to co-sponsor seminars. Many chapters have gotten involved in this, and it has allowed for seminars to be offered locally, and has allowed the chapters to receive some revenue as policies have been in place to share any profits of the seminar between the state society and the local chapter. Since the inception of Mandatory Continuing Education, there has been an increase in local chapter involvement. The chapters have to realize that ISPLS is an approved sponsor, and the state society bears the responsibility of complying with the requirements of Rule 14 for any seminars offered under that sponsorship. Therefore, any chapter interested in sponsoring or co-sponsoring seminars in their local area need to follow the guidelines adopted by the Board of Directors upon the recommendations of the Education Committee so that the proper review and submittals can take place in a timely fashion, as outlined above. A letter was sent to all Chapter Presidents earlier this year outlining these guidelines. (The only way for local chapters to avoid having to submit materials to the state society is to become an approved sponsor themselves.)

As you can see, the Education Committee has lead the way for ISPLS to be in the position we are in to be able to sponsor seminars.

A great deal of effort has been put forth within the society this year on continuing education. As a board and as a society, we have had to learn to adjust to and work within the requirements of the mandatory program. It has taken time and effort, but I feel that we have a pretty good handle on working with the program. To help accomplish this, the Education Committee has met more often this year than they have had to in past years. In addition to the planning and coordinating of seminars, the committee has worked to develop numerous guidelines and policies for the society to follow as an approved sponsor in order to better serve the membership. I'd like to focus on some of these items in this column.

The mandatory continuing education rule is divided into two parts - the first part (Rule 13) deals with Continuing Education, and the second part (Rule 14) deals with Continuing Education Providers. Rule 14 lists the requirements of being an approved provider, including the record-keeping responsibilities of an approved provider. The Education Committee has assisted ISPLS headquarters in developing guidelines to be followed so that the Rule 14 requirements are met. These requirements include items relative to course and instructor approval, appropriate course evaluations, completion certificates, and seminar attendance record keeping. ISPLS does maintain a record of who attended the seminars, as required by the Board of Registration. However, it is the responsibility of each land surveyor to maintain their own records in the event of an audit.

Significant work takes place prior to the seminar itself. A timely review of the instructor's credentials, the appropriateness of the course objectives and material, and the number of contact hours provided needs to take place in order to allow for Board of Registration review and subsequent approval well before the seminar presentation. Based on the material reviewed, the Education Committee recommends a value of Continuing Education Hours (CEH) for any seminar to the ISPLS Board of Directors. Upon the concurrence by the Board of Directors, this recommendation is sent, with all necessary documentation and material, to the Board of Registration. Please note that ISPLS only recommends the CEH value of the seminar to the Board of Registration. The state board ultimately determines the CEH value of any seminar.

Additionally, seminars and courses need to be designated as either "mandatory topics" or as "elective topics". Sections 6 and 7 of Rule 13 outline which subjects are included in each category. We have already learned that a seminar that might appear to cover

The committee needs to be commended for their diligent, hard work.

It needs to again be pointed out that ISPLS is only responsible for maintaining records for seminars which the society sponsors. Numerous other seminars have and will be offered which may have received approval from the Board of Registration. Other entities have become approved sponsors and are regularly offering seminars, and this trend will (and should) continue. ISPLS is not the only approved sponsor. Rule 14 is specific that the approved sponsor is responsible for the items included in the rule. If a land surveyor attends a seminar that has not been approved by the Board of Registration, that surveyor needs to submit the necessary information to the Board of Registration, not to ISPLS. We all need to read and become familiar with Rule 13 and Rule 14. Our licenses depend on it, and the ultimate burden of proof of continuing education credits received is on the land surveyor holding the license.

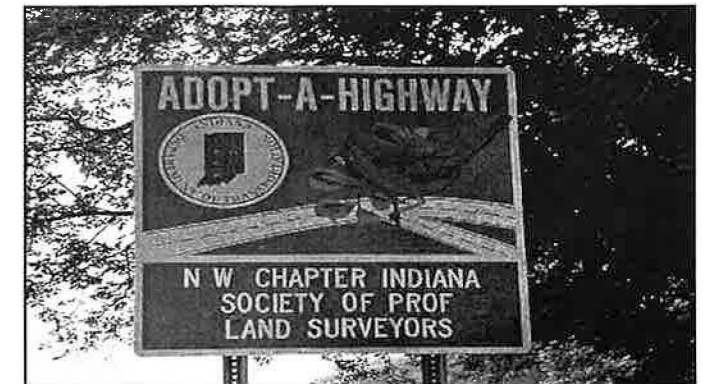
There has obviously been more happening within the society other than activities relative to continuing education, but I felt the need to address these many items due to the questions and comments we have received throughout the year. Many of the other committees have been meeting and addressing their charges for the year. It is great to be able to work with so many dedicated professionals.

As the summer and the rest of the year wind down, many chapters will be holding picnics, golf outings, and other special events. Additionally, the Annual ISPLS Picnic will take place on October 27th at Brown County State Park. Let's all make every effort to attend these events and socialize with our fellow professionals.

## NORTHWEST CHAPTER OF ISPLS HIGHWAY CLEANUP

The Northwest Chapter of ISPLS began a Highway Cleanup Project (in conjunction with INDOT's Adopt-a-Highway Program) in 1999. The chapter is responsible for the cleanup of U.S. Highway 30 in Porter County from the Lake-Porter County line to County Road 525 West (2.75 miles long). The first cleanup was held in October of 1999, and the chapter cleans the highway once each spring, summer and fall. The number of participants have varied from 8 to 20.

Adopt-A-Highway signs were posted earlier this year at the east and west ends of the highway section. This project was undertaken to fulfill a community involvement goal set by the chapter in November of 1998. This goal was one of many goals set by the chapter as a result of the its goal-setting sessions with Dr. Gerald Speth.

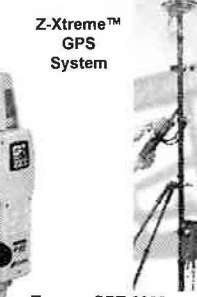




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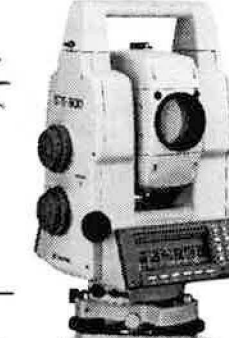
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## ISPLS BOARD OF DIRECTORS MEETING HIGHLIGHTS

by Dianne Bennett, Executive Director

### January 17, 2001 (Unintentionally omitted in last issue)

The ISPLS Board of Directors held a meeting on Wednesday, January 17, 2001 at Sheraton Indpls North, Indianapolis. President Weber called the meeting to order at 1:26 p.m. The minutes and treasurer's report were reviewed and approved.

**Staff Activity Report** - A written report was submitted for board review. The report is stated under individual topics listed below.

**Officers Activity Report** - Tony Gregory attended the Ohio/Kentucky and Michigan conventions.

**Chapters** - Central Indiana - An Officer's meeting was held Jan. 9 to update the web page and set the year's meeting dates and to discuss the 2002 convention which they will host.

**Northwest** - Their November meeting was a holiday celebration. The next meeting will be the second Thursday in February Wabash Valley - The new president is Brad Rayl.

**Initial Point** - The December 6 meeting was for selection of officers. The date for the annual picnic has been scheduled for October 27, 2001.

**Hoosier Hills** - Mark Isaacs has been elected chairman for 2001. Their next meeting will be in February. The chapter will hold a seminar on April 20 at Spring Mill.

**Tecumseh** - Their last meeting was in October. They will be meeting again after the convention. They presented two scholarships.

**Education** - BLM will present a seminar on June 22 at the Holiday Inn Airport. A motion was made and passed to request 8 CEH. Bill Clark suggested that regional seminars for the 6 mandatory CEH requirements be held at different times of the year to allow all surveyors ample opportunity to attend.

**Business Management** - The Wallington Report was presented to the board by Jeff Dowden.

**Ethics** - A meeting was held at 11:00 a.m. this morning and will reconvene at 3:30 p.m. following the Board of Directors meeting.

**Government Affairs** - Nothing controversial on the agenda at this time. One item discussed was: Will long distance/internet learning be acceptable for continuing education requirements? Also mentioned was that the soil scientist have a bill for registration and board.

**Membership** - Applications for membership were reviewed and approved for the following: Professional Member - Ronald Renkenberger, Rodney Renkenberger, Fred Bengé, Vernon Shanklin, Greg Deeds, John Bullock, Herbert Underwood, Randolph Lexton, Ed Fleener, Stephen Murray, David Lee Absher, Mark Esposito, Arthur Davis, Terry Weiss, John Graf, Stephen Barth and Peter Arnold; Associate - John Kantner, Jason McCort, Joel Janowski, Robert Stone, David Barnhart, Kevin Krulik, Larry Sawyer and Ryan Perry; Firm - Bernardin Lochmueller & Associates.

**Standards** - A motion was made and passed to rescind the ILTA rules and get the word out. The ALTA standards will be used.

**University Cooperation** - A presentation will be made during the convention on Friday afternoon.

**ISPLS Survey History** - The committee was dissolved.

**Grants** - Perry Cloyd reported that the pass through fund was in place, but currently no money in it. It can be left empty and funds added at any time. Money in the fund would accrue interest, but there will be a 2% annual fee.

There is still an outstanding grant but no invoices have been received. The money will stay in the budget and the individual may reapply if he desires, but no further action can be taken by the board.

**NSPS** - The Trig-Star packets are in. The State winner has to be announced by May 18, 2001.

**GIS/LIS** - The NGS has planned to resurvey the Indiana HARN in 2001.

### April 7, 2001

The ISPLS Board of Directors held a meeting on Saturday, April 7, 2001 at headquarters. President Gregory called the meeting to order at 9:00 a.m. The minutes and treasurer's report were reviewed and approved.

**Staff Activity Report** - A written report was submitted for board review. The report is stated under individual topics listed below.

**Officers Activity Report** - Tony Gregory and Don Bengel attended the ACSM Convention in Las Vegas on March 16-20th. Tony stated that Gary Kent from Indiana was sworn in as the new President of ACSM. Don reported that Tom Brooks was working with the National Boy Scouts on their Surveying Merit Badge and if anyone wants to be involved in that aspect during their summer meeting it would be very worthwhile. Don also presented the information on Trig Star competition and that the winner will be certified to National on May 19, 2001. There was discussion on promoting Trig Star more. Tony will work on the need for a new Ad-Hoc Committee with anyone that is working on the program.

**Committee Charges** - The 2001 committee charges were submitted to the board.

**Chapters** - Central Indiana - The speakers for the 2002 Convention have been 60% confirmed.

**Northeast** - Les Weber reported that they have a Standards committee established for their members to review issues on Rule 12 in their area and also an Education committee to get started on presenting a workshop.

**Northwest** - Kara Company demonstrated the new Cyrax scanner at the last meeting. The chapter is still doing the highway cleanup project and pictures should be taken to be submitted to the Hoosier Surveyor. The chapter will co-sponsor the July 27th ISPLS workshop.

**Tecumseh** - Ron Wharry reported that the Purdue Student Senior Banquet is today and Walt Robillard will be the main speaker.

**St. Joe** - John McNamara reported that the seminar with Ron Hansell on March 10th had 35 in attendance. He expected that his seminar in April would also have about 35.

**Southwest** - Bill Clark said they are doing a Trig Star competition. The chapter will have a workshop on September 14th with Perry Cloyd being the speaker. He will talk on the Theory of

...continued Page 7





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### MINUTES

continued from page 5

Location.

Wabash - Bradley Rayl reported their next meeting would be June 13th and they are working on a Trig Star competition.

Convention Coordination - Doug Herendeen presented the states convention cost comparison report. He also reported on the 2002 Convention at the new downtown Marriott.

Education - A report was presented on recommending the workshop CEH's on March 10th and April 20th. A motion was made and passed to approve the recommendation of the committee. Greg Garrison presented a report for the Technician program and a questionnaire that will be sent out.

Ethics - A letter was sent by President Gregory to all members of the Ethics committee members asking them to refrain from sharing ethic case information with others outside of the committee. Rich Hudson stated that he will be meeting with Ron Hansell to discuss confidentiality of committee matters and other things. Comments were suggested changing the makeup and number on the Ethics and Professional Practice committees. Also discussed was what cases should go to what committee and should ISPLS be a sounding board for complaints and mediate and help the situation. If we cannot help it will go on to the Board of Registration. A motion was made and passed to send these issues on to the Ethics, Professional Practice and By-Laws committees' and to work to amend the By-Laws to aid and assist our members to the point of necessary discipline.

Business Management - The committee will meet on April 27th to review the budget.

Hoosier Surveyor - The Spring issue will go out May 15th. All articles for that issue need to be in by April 16th.

Membership - The 2001 membership roster is at the printer. Applications for membership were reviewed and approved for the following: Professional member - Valdemars Strebs, Ronald Harner, Daniel Akin, Thomas Sipe, Daniel Oberst and Stephen Roeschlein. Associate - Timothy Higbie.

Professional Practice - Randy Miller is starting on the Mentoring program and would like to be involved in the discussion with the Ethics and By-Laws chairmen on the proposed By-Laws revisions.

Scholarship - The committee met on March 30th to select the IUPUI and Vincennes University scholarship. The IUPUI scholarship recipient was Brady A. Kuhn. The Vincennes University scholarship recipients were Austin K. Yake and Joseph R. Kiesel.

County Surveyor - Road School was March 21st. The new AIC president is John Stephens. The vice president's are Scott Zeigler for the North, Dick Vermillion for the South and Lynnette Pletch for the central areas. The Secretary-Treasurer will be Dave Gaston. The only complaint during Road School given by some people was the credit of 0.8 ceu's for their all day attendance. At the AIC Convention, John Stephens was also awarded the Surveyor of the Year.

In State Board of Registration - A list of names was submitted and others were asked for to submit to the Governor for the next appointment to the Board of Registration. The Governor has appointed Christine Arnold to be the Public member on the Board of Registration for Land Surveyors.

Old Business - Tony stated that there will be more information during the May meeting with regards to the Grants Council Com-

mittee. Anyone with a grant idea proposal should be forthcoming so the program can become more visible.

Randy Miller asked the status on the proposal for changing the By-Laws on the make up of the Board of Directors and their term limits. Also on the By-Laws pertaining to belonging to a local chapter when you become an ISPLS member.

Doug Herendeen presented Port-to-Port request on the Data Modeling software. A motion was made and passed to allow the Business Management Committee to make the decision of buying the database software for around \$6000 or getting a cost comparison for an additional \$1000 before buying some software at a cost about the same.

The new computer is installed but a scanner was not purchased because the purpose of the scanner wasn't know for sure. The Business Management Committee will decide what scanner should be purchased.

The Michigan Society of Professional Surveyors are asking again if there is any interest from ISPLS in remonumenting the Michigan-Indiana line. John McNamara stated he would get a hold of members to help on the retracement.

Government Affairs - Rick Miller gave a report on the current status of SB 486 and HB 1934 and the changes that was added to it. A motion was made and passed to buy the software that was available for bill tracking.

### May 12, 2001

The ISPLS Board of Directors held a meeting on Saturday, May 12, 2001 at headquarters. President Gregory called the meeting to order at 9:00 a.m. The minutes and treasurer's report were reviewed and approved.

Change in Agenda - The Ethics report was moved to the end of the meeting

Staff Report - A written report was submitted for board review. The report is stated under individual topics listed below.

By-Laws - The committee is having a meeting to discuss potential revisions.

Chapters - Northwest - At their last meeting Sidwell did a ortho mapping presentation. Their next meeting will be in June with a tour of the Pratt Industries.

Northeast - They are working on a seminar to be held in October with John McNamara.

Wabash Valley - Their next meeting will be June 13th.

St. Joe - They had 47 in attendance at their seminar.

Southwest - Their last meeting was May 8th and discussion was about scholarship candidates, Trig-Star efforts and working on the workshop in September. Their next meeting will be 2nd Tuesday in September.

Convention Coordinating - The 2001 convention income/expense report was presented and reviewed.

A report and the budget for the 2002 Convention was presented. A motion was made and passed to accept the budget.

Curt Sumner, ACSM Executive Director contacted ISPLS to see if we would be interested in hosting the national convention in 2006 with adjoining state societies.

Education - ISPLS & the Northwest Chapter and Valparaiso School of Engineering are having a seminar July 27 at the Valparaiso

...continued Page 11

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## COMMUNICATION, PUBLIC RELATIONS AND THE LAND SURVEYOR

by R.A. (Dick) Ainsworth, PLS

Now there are three words you rarely see used in the same sentence! Land surveyors with good communications and public relations skills are scarcer than hen's teeth. But, it's about time that land surveyors come in out of the woods (or the field), and start acting like the "professionals" we so eagerly want to be considered as.

There is probably no other profession in America where good communication and public relations skills are more important...particularly when dealing with the typical land owner. Private property...and the boundaries thereof...are sacred. And, messing with a person's property boundaries is almost as touchy as messing with his/her wife/husband...and in some instances, probably more risky.

Land Surveying is an art that very few property owners have even a limited knowledge of. They do not begin to understand what is involved in confirming or reestablishing the boundaries of their property. And, the fact that many people feel that no two surveyors ever come up with the same answer anyway, only adds distrust to this misunderstanding. And, if they do not understand what is involved in establishing their boundaries, they can not be expected to have an understanding of the costs involved.

So we have a profession that few of our clients understand, dealing with one of the most sacred issues in America...private property boundaries. And, more often than not, it involves a boundary between two parties that are hostile toward one another (generally over the sacred boundary line we have been hired to survey). We should go into jobs like this as if we are walking on egg shells. Instead, we act like the proverbial bull in the china closet, charging around telling our clients and their neighbors just as little as possible (*trust me, I know what I am doing, so you don't need to*), bad-mouthing all previous surveyors that have even thought about working in the area, and in general being belligerent.

In addition, far too often we alienate our clients by giving them a minimal or best-case cost and time estimate for doing the work they employ us to do...apparently because we do not want to "scare them away" by being realistic. Then, when we get into the job and discover that we can not do the work for the quoted fee (which we generally consider to have been only a "ball park estimate" anyway, and not something we are bound to)...or within our projected time table, we typically fail to communicate this certain over-run in cost and time to them. We apparently prefer to "surprise" them with our bill once the job is complete, or close enough to being complete that we feel we can send them a bill.

Believe me, I don't have all the answers, but I do know that land surveyors are more often than not their own worst enemies. I have been in this business long enough, and have watched enough land surveyors alienate enough clients and their neighbors (many to the point of filing a complaint with the licensing board and/or a lawsuit

against them), that I feel I am qualified to provide some suggestions for dealing with clients and their neighbors.

Following are my very basic "Guides to Better Communication & Business Relationships", which are offered in no particular order of importance:

**Always** be realistic and honest as possible when providing a cost and/or time estimate to a prospective client

**Always** provide your client with a **written** proposal, and ideally, get them to sign something indicating that they are in agreement with your proposal (and that they plan to pay you for your work).

**Always** make every effort to complete the job within the estimated time frame, and for the estimated cost. And, if you can see that you will be running over either the estimated cost or time, notify your client immediately, preferably in writing, explaining the reasons for the overrun and/or delay. The fewer surprises, the better.

**Always** tie up all the loose ends when finishing a job, and don't leave bits and pieces (i.e. corner records, filing of plat, final billing, etc.) "hanging" for weeks/months/years.

**Always** remember that you may have been hired by one property owner, but the property line(s) you are surveying, are not only your client's but their neighbor's as well. (In reality, the neighbors are your de facto clients, and not someone to ignore and/or fight with).

**Always** be as cordial as possible when discussing any aspect of a job with anyone...(client, neighbor, another surveyor, government officials, etc.)

**Always** instruct your survey crews to be as cordial as possible, and to not comment (speculate) on things they are not certain of, or that may be better off left for you to discuss with the client and/or neighbor. Survey crew members can (and often do) get us in a good deal of "hot water" by making what they consider to be harmless comments.

**Never** "bad mouth" another surveyor to your client or their neighbors. We have enough of

an image problem that we don't need to add to it ourselves. If you disagree with another survey/surveyor, simply tell the client/neighbor that you may have a difference of opinion regarding a corner/line location, and that you will discuss it with the other surveyor. And then do just that...in a non-confrontational manner.

**Always** keep an open mind, and remember that it is possible that you may be wrong! Although most surveyors that I know do not believe it possible, none of us are perfect, and we should never forget that!

If, on the off chance you did make a mistake, **always** do everything you can to make it right, at no cost to the client. (You were paid to do it right the first time, they should not have to pay for it again.)

**...I do know that land surveyors are more often than not their own worst enemies.**

...continued Page 11



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## COMMUNICATION ...continued from Page 9

**Always** make every effort to satisfy your client. (The old saying *The client is always right!* has a good deal of merit.) Even if they are not right, if you let them think they are, and they go away happy, it will save you untold future grief. You can satisfy 100 clients and 98 of them will never say anything about you...good or bad! But, make one client mad, and he will tell everyone he knows that you are a rotten, no good surveyor, and poor excuse for a human being!

With written communications (and particularly billings), **always** take the time to explain yourself in some detail. The better informed your client (neighbor, other surveyor, etc.) is, the less likely he/she is to question you.

**Always** be willing to negotiate (or recommend your client consider negotiating) a "middle ground" if necessary to resolve a dispute. Disagreeing and/or fighting with a client, their neighbor, or another surveyor is **not** the solution! This will **always** cause you grief, and it will nearly always cost you money in the long run. Keeping attorneys out of your disputes will save everyone money in the long run. Don't be bull-headed about winning the battle, only to lose the war!

**Always** take advantage of any opportunity to further develop your oral and written communication skills. Workshops, seminars, and classes in these subject areas are among the most critical forms of professional development for a registered land surveyor, and one that most of us pay little attention to.

I can absolutely guarantee you that if you follow these simple, and seemingly obvious guidelines, it will cut your grief, and the bad reputation you may be giving the land surveying profession, significantly. (And, in all likelihood, increase your profitability.) I know...most land surveyors just want to survey...they don't like to deal with people...they don't like to take time to write letters or send out bills, and least of all, they don't want to even consider compromising with anyone about anything. But, if you are going to be in private practice, no matter the size (or even doing a bit of moonlighting), these are all necessities of doing business. If you are not willing to follow these guidelines, either hire someone that will run this end of your business for you, or seriously consider changing professions.

Good communication and public relation skills are the missing ingredient that holds the land surveying professional back from other skilled and highly successful professions. However, through education and commitment we can become the professionals we so eagerly want to be, and at the same time, provide meaningful benefit not only to our profession as a whole, but to the public, which we have taken an oath to serve and protect.

...Reprinted from *The Treasure State Surveyor*, (Montana) April 1999

## MINUTES ...continued from Page 7

University. The speaker will be Knud Hermansen. Approval for this seminar "Ethics & Professional Courtesy" (Session 1) and "Survey Reports & Documentation" (Session 2) was recommended. A motion was made and passed to accept the recommendation for the July 27th seminar to be 4 CEH's for the morning and 4 CEH's for the afternoon sessions.

The St. Joe Chapter submitted a report on their March 10th seminar.

Because of the abundance of people trying to register for ISPLS seminars, the policy will be that payment must accompany the registration form before being processed.

Business Management - After reviewing the 2001/2002 budget of \$310,520.00 as presented, a motion was made and passed to approve the budget.

Government Affairs - HB 1934 was approved and signed and became effective May 11, 2001 with two part-time surveyors on the Board. Also, 50% distant learning credit will be allowed and that the Executive Director of the Licensing Agency can review renewal denials. SB 486 was passed and also signed. Names for the appointments to the Board of Registration was given to the Governor. Soil Scientists must now be registered by their new Board. A motion was made and passed to send the Hoosier Surveyor to all 150 members of the Legislators to help the efforts of Rick Miller be easier by making them aware of what Surveyors do.

Hoosier Surveyor - The summer issue is at the printer.

Membership - The board reviewed and approved the following membership applications: Professional Member - David Quinn, Dale Smith, Charles Becher and Brian Woodrow; Sustaining - U.S. Surveyor.

Public Relations - Letters will be sent to schools and Career Day attendances will begin again in the fall.

Publications - Manual #3 on Indiana Law is being revised.

Scholarship - The quarter report from Vincennes University on the Peggy Archer Endowment fund was reviewed.

Indiana State Board of Registration - The certificate presentation for new Land Surveyors will be May 18th. The Board will also have a public hearing on the Sunset IAC rule adoption. Ken Curtis has been reappointed to the Board of Registration.

NSPS - The Indiana Trig-Star winner will be announced next week and Don Bengel will let the board know at the next meeting.

Old Business - John McNamara stated that he has received some letters of interest on the Indiana-Michigan border monumentation.

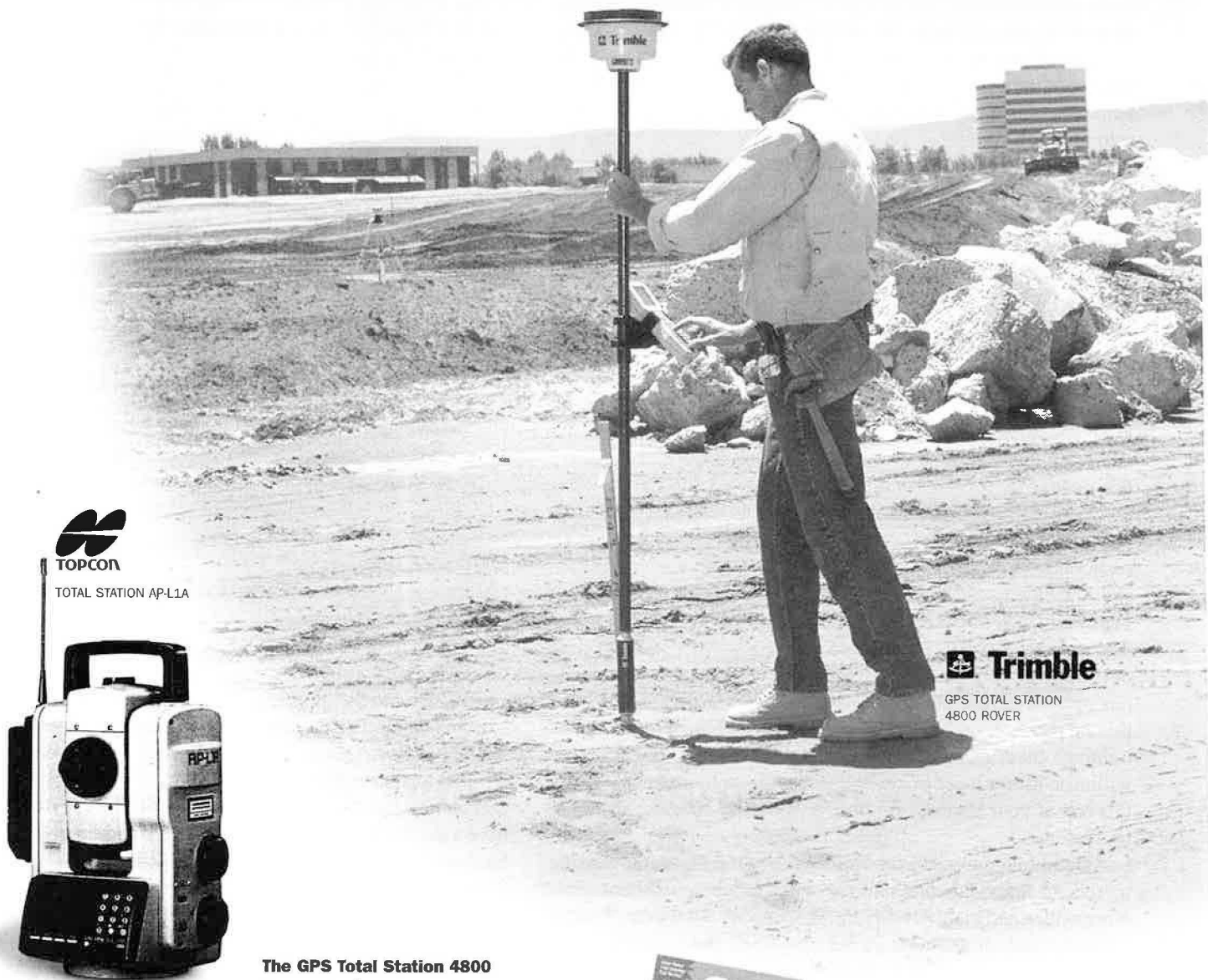
Survey History - The Big Sky Digital Media has completed the interview process and is now ready for the second phase, which will be the script development.

Grants - The Grants advisory board is still being worked on and should be available in June.

Announcements - The next meeting will be Saturday, June 23rd at the Holiday Inn Airport. Also, the Vincennes University review will be given at that time.

Ethics - Rich Hudson, chairman, stated that Ron Hansell attended their last meeting to discuss the efforts on the issues in his committee.

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In 1973, members of MSRLS (now Michigan Society of Professional Surveyors) realized the importance of establishing an institution for the preservation of the history and heritage of surveying, and the MSPS Foundation was created. Through years of diligent friend and fund raising, ups and downs, and a shared dream, the Museum of Surveying opened its doors in Lansing's Museum District in 1989.

Over the years, the only museum dedicated solely to the surveying profession has been host to many schools, non-traditional education, and other interested groups. The historical re-enactment group travels regionally displaying the techniques used by the first surveyors of our land. Recently the addition of the award winning Virtual Museum of Surveying has enabled people far and near to visit the Museum from their own home.

In order to continue the dreams of the Museum's founders, the MSPS Foundation has begun a program to repair and maintain the facility. The roof has exceeded its expected life, and is in need of replacement. Sunlight shines through cracks in the brick mortar and our library has grown beyond its current capacity.

The Buy-A-Brick campaign will help the MSPS Foundation raise funds solely for building repair and capitol projects. The bricks (8x4 in. and 8x8 in.) will be inscribed with your name, your company name or your dedication to a friend or loved one. All bricks will be prominently displayed in a patio area in front of and beside the Museum of Surveying. The location in the center of the Museum District and close to the Lansing's Riverwalk is an ideal place to proudly show your support for this unique museum. The price of the 8x4 brick will be \$100 and the 8x8 is \$350. This is your opportunity to continue with, or join the vision of a group of individuals who understood the importance of preserving our history and educating the public.

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| 8"x8" | 14 spaces per line/5 lines, or b/w corporate logo       | \$350 |
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Total estimated gross billings for the next 12 months \_\_\_\_\_

Have you had any claims or complaints in the last 5 years? No \_\_\_ Yes \_\_\_ If yes, please explain \_\_\_\_\_

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## OBSERVATIONS ON SERVICE FEES

by Wendy J. Woodbury Straight, LS

**I cannot reveal your fees or mine.** Nor can I discuss survey fees in a manner that might be construed as price fixing or collusion. On the other hand, I can offer general observations about common problems with surveyors' fees and particular comments regarding a few categories.

Our conversation will be limited to boundary matters. Price structures for engineering surveys, such as control networks, topographic services, or construction layout, are determined either by in-house survey arrangements in large A/E firms, or by time-and-material factors that affect the proposals of outside surveying companies. In either case, the steps required to arrive at a proposal are cut and dry, because project requirements are driven by specification and by the accepted contingency expectations of the industry.

This is not the case for boundary surveys. The time required to complete a given project usually depends upon its geographic location. Additionally, property line assignments are subject to a number of other considerations, many of which are not wholly predictable.

Hence, my first two observations are as follows: surveyors in some parts of the country tend to overcharge for small boundary surveys, and surveyors in other areas tend to undercharge for large boundary surveys.

Reasons for the first include the fact that trade journals featured a decade's worth of articles encouraging surveyors to make a profit, and not all readers understood that the recommendation did not mean pricing oneself right out of the market. In heavily-developed regions, fees rose with property values. Survey firms expanded accordingly, but then found themselves strangled by overhead during economic recession.

A second cause, discussed in my past columns, was the fact that universal standards mistakenly evolved over the course of three decades into standards that included overly-specified closure requirements.

One can avoid the pitfalls of the first two observations by constructing a profile of the local economy and structuring fees in such a way that surveys are too fine a bargain for the homeowner to pass up. It's important to remember that it is our four-fold purpose to provide timely service, to make knowledgeable decisions that result in a quality product, to recoup our expenses, and to achieve a profit.

These are not mutually exclusive mandates. Instead, they can be accomplished simultaneously by efficient surveyors. I further suggest, for the sake of the public and the profession, that those who are not talented in the efficiency arena should look for work in another field.

The second problem, charging too little for large-tract surveys,

seems to be prevalent in underdeveloped regions. Surveyors become duped into applying a residential fee scale for property rich in hardwood or other resources immediately available for development or harvest. The exasperating scenario is compounded by the fact that surveyors whose residential fees are moderate often assume, and sometimes rightfully so, that farm owners cannot afford to pay much more than their urban counterparts.

To avoid this trap, a surveyor must request that the purpose of the survey be divulged along with the customary title papers required of the client. This does not mean that survey fees for the wealthy should differ from survey fees for the average homeowner. On the contrary, a surveyor should know the high-demand resources of his or her area, so that he or she does not feel obligated to charge a reduced fee for a perceived hardship that does not in fact exist.

Having wrestled with the market analysis that must be performed in his or her locale, the surveyor is ready for my third observation: many surveyors are apt to undercharge for their services as expert witnesses. We are noble by trade and altruistic by nature. Our goal is to benefit our community, therefore, we assume that our testimony is to advance the utilitarian ideal, the greatest good for the greatest number. Conversely, we may have been called to testify in matters that could have been settled more easily and economically by virtue of a boundary line agreement, without loss or expense on the part of plaintiff, defendant, or taxpayer.

Skirting this problem requires the surveyor to have a strong grasp of his or her daily value to the company, and then to charge at least the same amount for time away from the office for court appearances or witness preparation. Assuming that time for evenings and weekends is worth even more a surveyor should also establish a multiplier for appearance and preparation fees outside the normal workday.

For example, a surveyor may wish to establish a fee per half-day and require payment in advance. If so, the surveyor should be clear about what he or she means by "half-day" specifying perhaps that it means any one-to-four hour period between particular hours. Next, he or she should specify whether the term "court appearance" also means any one-to-four hour period spent in preparation or waiting to appear. Finally, the surveyor should describe the multiplier for appearance or preparation beyond and before certain hours.

It is fortunate that one is not often called to serve as an expert witness until his or her practice is well recognized, because by that time, the surveyor has a better idea of why, when, and how to determine fees. Sometimes an appropriate fee quote is all it takes to direct the client to a more rational and/or equitable solution.

....Reprinted from CE News, February 2001  
Wendy Woodbury Straight has been owner of Woodbury Surveying in Dunkirk, N.Y., for the past 17 years. She is also the editor of Progress and Perspective newsletter. E-mail [straight@cenews.com](mailto:straight@cenews.com).

## Purdue Land Surveying Engineering Recognition Banquet

April 7, 2001, Lafayette, Indiana

The Purdue Land Surveying Engineering Recognition Banquet was held April 7, 2001 at Mountain Jacks Restaurant in Lafayette. The banquet is held each year to recognize the accomplishments of the students in the Land Surveying Engineering program at Purdue University. The banquet program is organized by the ISPLS-ACSM Student Chapter and it is attended by graduating seniors, students, alumni, faculty, and friends of the program.

The speaker this year was Walter G. Robillard, Esq. of Atlanta, GA. Mr. Robillard is well known in ACSM circles for his service to the Society and his interest in surveying students. He gave an excellent talk, focusing on the graduating seniors and the attributes one should cultivate for a life-long successful career.



Fifteen seniors will receive the BS Degree in 2001. Those seniors attending the banquet are: Front (L to R): Jessica L. Stapleton (Anderson, IN), Erin E. Loudemilk (Brownstown, IN), Kimberly L. Lutgring (Tell City, IN). Back (L to R): Bryon J. Motzsko (Hewitt, WI), Philip J. Peden (Bloomington, IN), Jason M. Miller (Marion, IN), Joshua G. Foster (Anderson, IN), Brent A. White (Anderson, IN).

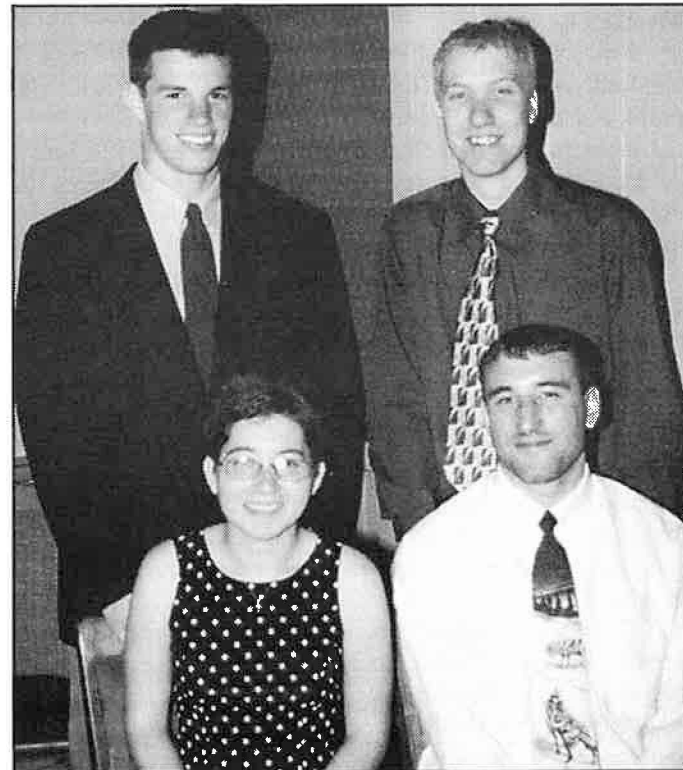
Seniors not in attendance: Mark A. Deardorff (San Pierre, IN), David M. Bufink (Huntington, IN), Jeremy L. Fireline (Elkhart, IN), Justin R. Frazier (Greens Fork, IN), Jeffrey W. Glunt (Coatesville, IN), Christopher B. Howell (Clarksville, IN), Linda A. Morris (Mishawaka, IN).

### ACSM Officers for 2001

Front (L to R): Amanda N. Askren (Fishers, IN), Rusty W. Logan (Logansport, IN). Back (L to R): Brad J. Eckerle (Jasper, IN), Richard P. Oman (Lowell, IN).



Outstanding Senior award was shared by Bryon J. Motzsko (Hewitt, WI)(L), and Justin Frazier (Greens Fork, IN) not shown. The McEntyre Scholarship was shared by Rusty W. Logan (Logansport, IN) (C) and Richard P. Oman (Lowell, IN)(R).



## Purdue Land Surveying Engineering Recognition Banquet



### Lambda Sigma Officers: 2000-2001

L to R: Bryon J. Motzsko (Hewitt, WI), Erin E. Loudemilk (Brownstown, IN), Jeremy L. Fireline (Elkhart, IN), Kimberly L. Lutgring (Tell City, IN).



### Lambda Sigma Initiates 2001-Spring

Front (L to R): Patrick E. Williams (Marion, IN), Alan C. Smaka (Mitchell, IN), Linda A. Morris (Mishawaka, IN). Back (L to R): Amanda N. Askren (Fisher, IN), Brandon P. Edwards (Cami, IL), Rusty W. Logan (Logansport, IN).



The Margaret Cunningham Scholarship sponsored by the Tecumseh Chapter was shared by Richard P. Oman (Lowell, IN) and Rusty W. Logan (Logansport, IN). (L to R): Richard P. Oman, Daniel Pusey, Rusty W. Logan.



The new Falk PLI Scholarship was presented by: Michael Falk (L), BS LS 83 to Brad J. Eckerle (Jasper, IN)(R).



The Jud and Betty Rouch Scholarship was presented to Adam J. Gruelich (Gentryville, IN)(L) by Professor Johnson (R).



## TRIG-STAR 2000-2001

by Donald Bengel, PE-PLS, State Trig-Star Coordinator, Valparaiso, Indiana

The Trig-Star program in Indiana for the year 2001 has been a success. Twelve high schools were involved throughout our state. Hopefully, some of the students that took part will develop an interest in the surveying profession.

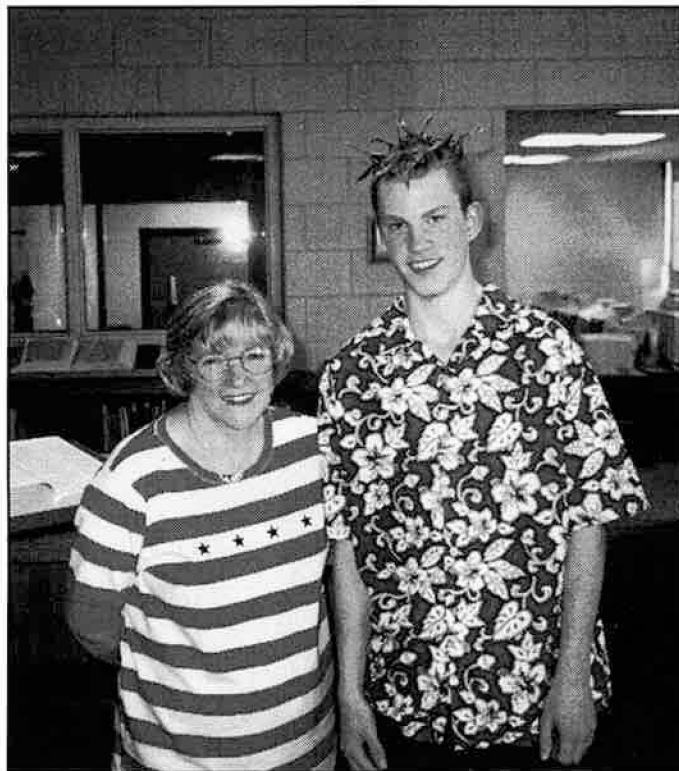
The local Trig-Star coordinators who did the real work for this program were: Richard Ward, Wabash Valley Chapter; Bill Clark, Southwest Chapter; Jeff Gustke, Northwest Chapter; and Roger Woodfill, Dearborn County. These gentlemen also had some assistance from other chapter members.

As state coordinator, I am making a plea for the other chapters in our society to make as one of their goals for this next year, to become involved in Trig-Star. It seems that the fever is spreading in some of the other states, which could be a challenge to Indiana.

The winner in Indiana was Ryan Camp of Hobart High School, Indiana, Northwest Chapter. Ryan's award was a \$1000 Savings Bond from the State Society and \$100 from the Chapter.

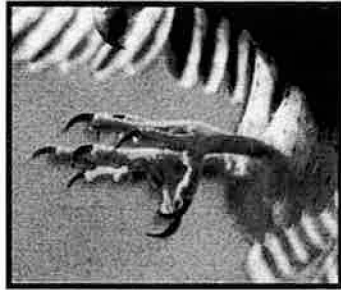
The National Trig-Star winners were announced July 27, 2001 by John Chagnon, the National Program Chairman. First Place: Matthew Hopkins, Richmond, Virginia; Second Place: Taras Bouzakine, Portsmouth, New Hampshire; Third Place: Carlos X. Soto Ganzalez, Coamo, Puerto Rico.

Remember, in this age of difficulty in finding good and qualified employees, maybe a few of the students that we met through Trig-Star will be our employees.



Pictured Ryan Camp (r) with his teacher, Mrs. Jackie Rogers, Hobart High School, Hobart, the Indiana Northwest Chapter ISPLS State Trig-Star Winner.

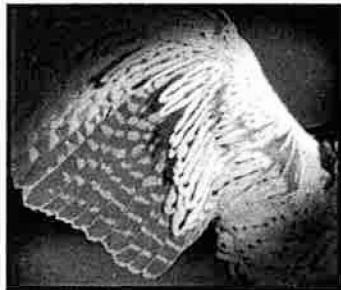
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IF NOT  
THIS WILL BE YOUR  
LAST ISSUE OF THE  
HOOSIER SURVEYOR**

## CREATING A SPATIAL DATABASE FOR INDIANA BURIAL GROUNDS

by R. Stephen Hansell, PE-PLS

The Indiana Legislature enacted Indiana Code (IC) Section 14-21-1-13.5 as a new section in the Department of Natural Resources Title of the Code, providing for a Survey and Register of Indiana Burial Grounds. Although no funds were allocated for the project, the legislation—effective 1 July 2000—provided for a Trust Fund and a Coordinator was assigned to effect the Legislature's direction to identify, locate, and create a database for all burial grounds in the State by County. The Indiana Department of Natural Resources Division of Historic Preservation and Archaeology (IDNR-DHP&A) assigned Jeannie Regan-Dinius, an Archaeologist with a Master's Degree in Public History as Cemetery Registry Coordinator, in addition to her responsibilities as IDNR newsletter editor and publisher. She was assisted by R. Stephen Hansell, a lawyer and Patent Attorney who is registered as a Professional Engineer and Land Surveyor who has an interest in history and genealogy as well as cartography and Geographic Information Systems (GIS), and Dr. Hadi Yamin, of the Purdue School of Civil Engineering Technology at Indiana University-Purdue University at Indianapolis (IUPUI).

Indiana has ninety two (92) counties, and the state of data collection of cemetery details among them ranged from extremely extensive and detailed to haphazard and sketchy. Many family burial plots, established from before Indiana's admission as a State on 11 December 1816, were never dedicated to the Township or County, nor was any cemetery association established to maintain the grounds, fences, headstones or any funerary urns or other features of these private sites. Quite a few of these family plots have been lost as a result of neglect, vandalism, and farming, mining, and development activities. Some of the organizations which have been involved in researching cemeteries in the past, or which have the present wherewithal to assist in the project, include the Indiana Department of Natural Resources, the Natural Resources Conservation Service (formerly Soil Conservation Service (SCS)), the POLIS Center of Indiana University at Indianapolis, surface coal mining companies, sand and gravel mining operations, funeral directors and mortuaries, Land Surveyors—especially County Surveyors, County Recorders, Auditors, and Assessors, County (Highway) Engineers, the Indiana Department of Transportation (INDOT), the Agricultural Extension Service, the Indiana Historical Society (IHS), County and local Historical Societies, the Society of Indiana Pioneers (SIP), the Daughters of the American Revolution (DAR), the United States Coast & Geodetic Survey (USGS), the Boy Scouts of America (BSA), 4-H groups, the Future Farmers of America (FFA), the Indiana Association of Cities and Towns, the Indiana Association of Counties, and school groups.

Virtually all of Indiana was surveyed in the mid 1800's according to the US Public Lands Survey, and thus a grid consisting of Townships and Ranges, square mile Sections and half-mile Quarter Sections is available as one fairly consistent

standard for establishing the location of geographic features such as cemetery sites.

An initial effort to associate a single cemetery layer to a parent state map identified and employed Salem Cemetery located at 62<sup>nd</sup> & Guion Road in Pike Township, Indianapolis, Marion County, and close to the authors' offices, as a test subject. It is a relatively small but discrete rectangular plot in the southeast corner of a recently improved intersection where we believed fairly good survey controls would exist.

Although the data collection effort was novel for Indiana, the authors thought that there might be some benefit in initial benchmarking to determine what, if anything, other states have done to protect historic and burial sites? The Registry Coordinator would determine which states had been contacted or had offered information about their efforts, and to determine which departments, organizations, and individuals have assembled or have access to information like that needed to create the database.

Another significant aspect of the study was to establish the type(s) of databases appropriate to the project. Initially, it was believed that the resources would not be available to identify specific details of individual burial plots, including photos of headstones, transcriptions of epitaphs, names and other identifying details of the individuals buried in each grave in each cemetery. However, as this level of detail has been collected and is available for certain burial grounds, we didn't wish to preclude adding layers including substantial details after the original endeavor was accomplished.

Indices for establishing location include Township, Range, Section, & Quarter Section, Universal Transverse Mercator (UTM), the State Plane Coordinate System, and (rough location) by County and civil Township (usually 8-12 per County, and Indiana Counties usually about 900 square miles).

Initially, it was intended to locate small cemeteries by centroid, but further consideration led us to believe that such a location would be fairly subjective. Although coordinates for any location within a cemetery would provide some value in locating the cemetery in the field, a more meaningful location would be the access point(s), if any, and the "corners" of even smaller burial grounds; larger cemeteries could be identified by corners & street or road entrance location, street or road address, and specific features such as mausolea, chapels, famous persons' burial sites, and statuary could be individually sited.

Plat books & atlases were good sources of historical information, but varied radically in the level of detail present. The USGS quadrangle maps show cemeteries as dashed lines with

...continued Page 20

## CONTINUING ED APPROVAL FOR ISPLS WORKSHOPS

The **Indiana** State Board of Registration for Professional Land Surveyors has approved the following courses for continuing education:

July 27, 2001

Valparaiso, Indiana

- \* Ethics & Professional Courtesy - Session 1  
Knud Hermansen (Elective) 4 CEH
- \* Survey Reports & Documentation - Session 2  
Knud Hermansen (Elective) 4 CEH

September 14, 2001

French Lick, Indiana

- \* Applying Rule 12 to Your Practice 6 CEH  
Perry Cloyd (Mandatory)

September 28, 2001

McCormick's Creek State Park, Spencer, Indiana

- \* Ethics - Session 1  
Dennis Mouland (Elective) 4 CEH
- \* Thinking Beyond Technology - Session 2  
Dennis Mouland (Elective) 4 CEH

October 20, 2001

Fort Wayne, Indiana

- \* Rule 12  
John McNamara (Mandatory) 3 CEH
- \* Theory of Location-Back to Basics  
John McNamara (Mandatory) 3 CEH

October 27, 2001

Brown County State Park, Nashville, Indiana

- \* Tree ID for Surveyors  
Frank Ballintyn & Vic McCauley (Elective) 4 CEH

January 23-26, 2002

ISPLS Annual Convention  
Indianapolis, Indiana

- \* Rule 12 & Theory of Location in Sequential Conveyances  
Gary Kent (Mandatory) 6 CEH
- \* Photogrammetry-Fundamental of Photogrammetric Mapping  
Dr. Steven Johnson (Elective) 1.5 CEH
- \* GPS-III Advanced GPS For Surveyors  
Boudewijn van Gelder (Elective) 1.5 CEH
- \* Adjustment Computations For Surveyors  
James Bethel (Elective) 3 CEH
- \* Land Description Systems  
Dennis Mouland (Elective) 6 CEH
- \* Roadway Safety For Surveyors  
Ronald Koons (Elective) 2 CEH
- \* Woods, Field and Water Safety For Surveyors  
Ronald Koons (Elective) 2 CEH
- \* Permit Required Confined Spaces  
Ronald Koons (Elective) 2 CEH

- \* Rule 12 & the Theory of Location in Simultaneously Created Boundaries  
Gary Kent (Mandatory) 6 CEH

- \* The National Flood Insurance Program "Staying Flood Smart"

- \* Gregory Main & Anita Nance (Elective) 2 CEH

- \* Suggested Division of Water Procedures for Hydraulic Modeling  
David Knipe (Elective) 4 CEH

- \* Ethics for the Professional Surveyor  
Dennis Mouland (Elective) 6 CEH

- \* Managing A Business  
Dr. Gerald Speth (Elective) 3 CEH

- \* Marketing  
Dr. Gerald Speth (Elective) 3 CEH

- \* Understanding Retracement & Applying Priority of Calls  
Walter Robillard (Elective) 6 CEH

- \* Survey Process Automation  
Scott Noble (Elective) 2 CEH

- \* Convention Sessions Still Pending Approval

- \* Rule 12 - The Process of Compliance  
E.R. Gray, III (Mandatory) Pending

- \* Title Company Pending

- \* Cyrax Pending

- \* Sterling Systems Pending

- \* 3DI Lidar Pending

- \* Airborne Pending

### INDIANA BURIAL GROUNDS ...continued from Page 19

"CEM" or the printed name of the cemetery if known. We discovered that over time the name by which a given cemetery is known can change, so the task of establishing a standard for identification of individual sites became significant.

Notes, press releases, and articles in Indiana Historical Society Publications-Traces, Genealogy, etc.--and in professional journals-The Hoosier Surveyor of the Indiana Society of Professional Land Surveyors, Inc. (ISPLS), and in engineering newsletters, were intended to get the word to professionals and interested amateurs who might have relevant information, or who might endeavor to gather information for the project during their work activities.

A paper is being prepared that will address the creation of the database, the collection of data, and the recording and maintenance of the data on the database, and issues and challenges encountered during this effort.

## POSITIONS AVAILABLE

### FACULTY POSITION SURVEYING TECHNOLOGY

#### JOB DESCRIPTION

Vincennes University, a comprehensive community college, is seeking applicants for a full time faculty position in the AAS/AS Degree Surveying Technology Program. This is a nine month, non-tenure track position with full benefits beginning January 2, 2002.

Position responsibilities are:

- \* Be able to deliver primary instruction in surveying fundamentals, survey drafting, construction & route surveying, AutoCad, SurvCadd or related software.
- \* Teach 22 contact hours,
- \* Coordinate a successful recruiting/marketing plan for the program.
- \* Provide academic advising to students.
- \* Assist graduates with job placement.
- \* Foster an alliance with the educational and professional community.
- \* Develop new courses and upgrade existing curriculum as required by the profession.

Qualifications:

- \* Minimum of an AS Degree in Surveying is required. A BS and/or MS Degree is preferred.
- \* At least four years intensive surveying experience with substantial AutoCad and/or related software experience at the professional level in a Surveying production environment.
- \* GIS/GPS experience as well as the applicant's SIT/LS status will also be considered.

#### THIS POSITION IS CONTINGENT UPON ENROLLMENT FOR THE SPRING 2002 SEMESTER

Persons who wish to be considered must submit a letter of intent, college transcripts, and resume to:

Gazella A. Summitt, Director of Human Resources, Vincennes University, 1002 North First Street, Vincennes, Indiana 47591.

Applications will be accepted until the position is filled. Interviews may be held concurrently with the advertising period.

Vincennes University is an Affirmative Action/Equal Opportunity Employer.

### Survey Technician

The Schneider Corporation has an opportunity for a Survey Technician in our Indianapolis office located at Historic Fort Harrison. Primary responsibilities include drafting of boundary, land title, topographic and route surveys. Candidates should possess 1 years prior survey experience, ability to read/reduce field notes, ability to apply coordinate geometry, proficiency with AutoCAD and SoftDesk software, and working knowledge of land surveying practices.

Schneider offers a comprehensive benefit package including medical, 401k, bonuses, and profit sharing. Please send a resume to Laura Hackett at The Schneider Corporation, 8901 Otis Avenue, Indianapolis, IN 46216, 317-826-7200 (fax) or email to lhackett@schneidercorp.com

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## COUNTY SURVEYOR NEWS

by John Stephens, PLS, Wabash, Indiana

### FUTURE EVENTS

IDEM Commissioner's Wetland Workgroup public meeting  
August 6, 2001  
IDEM office, Indianapolis

Association of Indiana Counties Fall Conference

October 8<sup>th</sup> - 11<sup>th</sup>, 2001

Westin, Marriott, and Hyatt Hotels, Downtown Indianapolis  
County Surveyor Affiliate meeting - Tuesday, October 9<sup>th</sup>,  
9:00 A.M. to 12:45 P.M.

Drainage 101 - How to Understand the Laws and Rules of  
Controlling Drainage in Indiana

August 30<sup>th</sup>, 2001

Indiana Farm Bureau Building

225 South East Street

Indianapolis

1<sup>st</sup>. Floor Assembly Halls

### RULE FORMULATION UPDATE

I.D.E.M. is presently formulating Rule 13 for municipalities affected by the MS4's in the Phase II implementation process. Information concerning this rule is limited at this time; however, the County Surveyor's Association will be represented on this committee. The notices will be posted on the I.D.E.M. web site on Tuesday, July 24<sup>th</sup>.

I.D.E.M. has formulated a Commissioner's Wetlands Workgroup to draft language for a Surface Water Modification Permit. The County Surveyor's Association Board of Directors agreed that I.D.E.M. has no authority to draft such a permit and will be represented at the upcoming August 6<sup>th</sup>. public meeting at the I.D.E.M.. office.

The legislative go-around will be soon upon our association; however, it appears that I.D.E.M. has already begun in the rule making process. I.D.E.M. has been informative and included our association on committees which will give our organization an opportunity for input in the administrative process. Additional support from County Surveyors at these public meetings is greatly appreciated and necessary for our organization.

### FALL AIC CONFERENCE PRELIMINARY AGENDA

- 1) Legislative Update - Kent Ward
- 2) Vincennes University, Surveying Department - William Clark
- 3) Drainage 101 and Corner Perpetuation Fund Roundtable Lunch



## CALENDAR

### September 12, 2001

Wabash Valley Chapter of ISPLS meeting

### September 14, 2001

Southwest Chapter ISPLS Seminar, Speaker: Perry Cloyd, PLS, Topic: "Applying Rule 12 to Your Practice", (6 CEH Mandatory) French Lick Springs Resort & Spa, French Lick, Indiana Contact: Stu Hein (812) 479-6200 E-mail: stu@blainc.com

### September 15, 2001

ISPLS Board of Directors meeting, Headquarter, Indianapolis

### September 28, 2001

ISPLS Fall Seminar, Speaker: Dennis Mouland

Topic: "Ethics" (4 CEH Elective)

"Thinking Beyond Technology" (4 CEH Elective)

McCormick's Creek State Park, Canyon Inn, Spencer, Indiana

### October 5-6, 2001

Surveyor's Historical Society Rendezvous, Texarkana, Texas,

For more information call: Dan at 903-572-2076

or Roger at 812-537-2000 or www.surveyorhampton.com

### October 20, 2001

Northeast Chapter ISPLS Seminar, Speaker: John McNamara, PE-PLS

Topic: Rule 12 (a.m.) 3 CEH Mandatory

Theory of Location (p.m.) 3 CEH Mandatory

Indiana-Purdue University Fort Wayne, Indiana

### October 26, 2001

ISPLS Board of Directors Meeting, Indianapolis

### October 27, 2001

Initial Point Chapter ISPLS seminar, "Tree Identification Winter and Fall", Speakers - Frank Ballintyn & Vic McCauley, Time: 8:00 a.m. - 12:00 (Noon), Abe Martin Lodge, Brown County State Park, Nashville, IN (4 CEH Elective)

### October 27, 2001

ISPLS Picnic, Brown County State Park, Nashville, Indiana.

Time: 12:30 p.m. - ?, Abe Martin Lodge Phone Number: (812) 988-4418.

### December 8, 2001

ISPLS Board of Directors Meeting, Indianapolis

### December 12, 2001

Wabash Valley Chapter of ISPLS meeting

### January 23-26, 2002

ISPLS Annual Convention, Marriott Downtown Hotel, Indianapolis, Indiana, Host: Central Indiana Chapter ISPLS

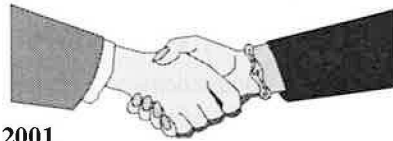
### January 23, 2002

ISPLS Board of Directors Meeting, Indianapolis

### January 8-10, 2003

ISPLS Annual Convention, Marriott Downtown Hotel, Indianapolis, Indiana, Host: Northwest Chapter ISPLS

## WELCOME NEW ISPLS MEMBERS



### January 17, 2001

David Lee Absher - Member

Peter Arnold - Member

David Barnhart - Associate

Stephen Barth - Member

Fred Benge - Member

Bernardin Lockmueller & Associates - Firm

John Bullock - Member

Arthur Davis - Member

Greg Deeds - Member

Mark Esposito - Member

Ed Fleener - Member

John Graf - Member

Joel Janowski - Associate

John Kantner - Associate

Kevin Kulik - Associate

Robert Lexton - Member

Jason McCort - Associate

Stephen Murray - Member

Ryan Perry - Associate

Rodney Renkenberger - Member

Ronald Renkenberger - Member

Larry Sawyer - Associate

Vernon Shanklin - Member

Robert Stone - Associate

Terry Weiss - Member

Herbert Underwood - Member

### February 24, 2001

George Charles - Associate

Kent Humbarger - Member

Brady Kuhn - Student

Ronald Raney - Member

Todd Shelly - Associate

Joseph Stoodly, Jr. - Member

Norman Wagoner - Member

### April 7, 2001

Daniel Akin - Member

Ronald Harner - Member

Timothy Higbie - Associate

Daniel Oberst - Member

Stephen Roeschlein - Member

Thomas Sipe - Member

Valdemars Strebs - Member

### May 12, 2001

Charles Becher - Member

David Quinn - Member

Dale Smith - Member

U.S. Surveyor - Sustaining

Brian Woodrow - Member

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