

HOOSIER SURVEYOR

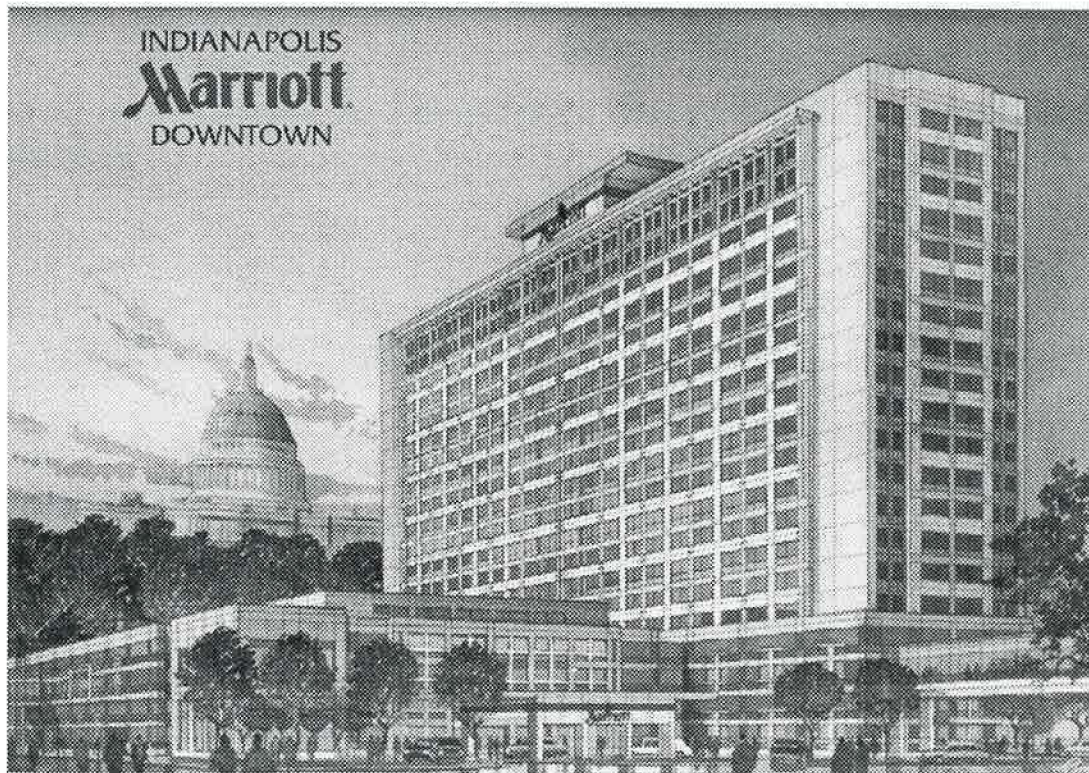


QUARTERLY PUBLICATION OF THE
INDIANA SOCIETY OF
PROFESSIONAL LAND SURVEYORS, INC.

VOLUME 28
NUMBER 2
FALL 2001



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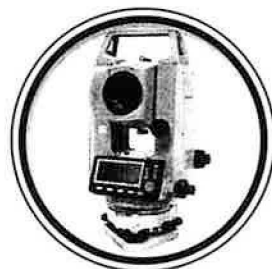
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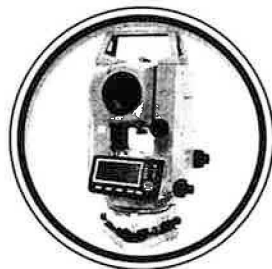
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PRESIDENT'S THOUGHTS

by Anthony Gregory, PLS, Hobart Indiana



By the time you are reading this column, it will be many weeks after the tragic events of September 11, 2001. On behalf of ISPLS, I'd like to express sorrow and heartfelt prayer for the victims of the attacks and for those who loved them. I pray that God continues to bless our

country and the rest of the world as we embark on this newest conflict.

It is hard to believe, but I am in the last couple of months of my term as ISPLS President. In some ways, it seems like it has been a long time since my term started, but for the most part, the year has flown by. As the year is winding down, some of the charges that ISPLS committees have been working on are being completed, and I'd like to comment on a couple of them.

The Board of Directors has been reviewing some recommendations from the By-laws Committee involving the tying of chapter membership to state society membership. It was a goal of mine to address this issue this year. Since the final version of the bylaw revisions has not yet been presented to the board for approval (it is anticipated to be on the agenda of our December meeting), I cannot give many details on the changes yet. However, it appears that these changes will be presented to the general membership at the Annual Meeting at the January Convention. I believe that these changes will be very healthy for both ISPLS and for all ISPLS chapters.

Another bit of news is that the ISPLS Law Manual (Manual No. 3) is going to be updated. This manual has been in dire need of revision, and the Board of Directors has approved a recommendation from the Publications Committee to hire an Indianapolis law firm to produce the revised manual. If all goes well, the new manual will be ready for purchase in the middle of 2002. Hopefully, this will be the first of many manual updates.

Many of you completed and returned the Membership Survey which was sent out earlier in the fall. Dianne has tabulated all of the survey results, as well as the numerous comments which were included. Many of the results appeared to indicate that most who completed the survey are generally pleased with the current state of the society, and would recommend membership to others. The Board of Directors reviewed all of the survey results in preparation for its Biannual Goal Setting Session, which was held on Friday, October 26th. Again this year, Dr. Gerald Speth of the University of Indianapolis facilitated the session, and the board ended up identifying five major goals for the society to work towards over the next two years. I am very pleased with the results of the session, and the final printed version of the goals will be published soon.

The Education Committee has continued to work on firming up seminar guidelines in order that ISPLS seminars satisfy the requirements of the Mandatory Continuing Education Rule. As I

stated in the last issue, the Board of Directors is pleased that so many of the chapters are getting involved in co-sponsoring seminars in their local areas. I recently sent a letter to all chapter presidents reminding them of the seminar guidelines which are in place. Communication between the chapters and headquarters is essential in order to provide for consistency in seminar offerings. I stated in the letter that the Education Committee needs to be informed of a proposed seminar 120 days prior to its offering. This time frame is necessary so that the CEH values and seminar type can be formally reviewed and acted upon by the Board of Registration so that the seminar can be accurately advertised. Also, ISPLS and the ISPLS chapters should be attempting to avoid the repetition of topics, and making sure that our seminars are planned so as not to compete with one another. The Education Committee hopes to soon have a calendar of seminars on the ISPLS web page. This calendar should assist in planning and communication.

In closing, I would like to thank the membership of ISPLS for allowing me to serve them as President this year. I would also like to thank the Board of Directors and all committees for supporting me and for working so hard to make this a successful year. And as always, I'd like to thank Dianne Bennett for her usual great job of running the society headquarters. I feel very comfortable turning the reins over to Bill Clark, who will serve as President for 2002. I am confident that with Bill as President, the society will be in good hands. I hope to see all of you at the January Annual Convention in Indianapolis.

Has Your Address Changed?

To save postage costs, your copy of The Hoosier Surveyor is mailed at bulk class mailing rates. This saves the Association money but delivery can take from two days to two weeks. If your address is not correct, the publication is not forwarded to your new address so Please let ISPLS Headquarters know if your address has changed.

TWO NEW MEMBERS APPOINTED TO LS REGISTRATION BOARD

In July 2001, Governor O'Bannon appointed two new members to the Indiana State Board of Registration for Land Surveyors to replace Patrick Cunningham (Battle Ground) and Thomas Boofter (New Albany) whose terms on the Board expired July 1. He has appointed David Blankenkaker (Jeffersonville) and Mike Falk (Portage) for four-year terms which expire July 1, 2005.

The Board currently consists of Ross Holloway (Mooresville), chairman; E. R. Gray (Columbus), recently reappointed, vice-chairman; John Schneider (Carmel); Christine Arnold (Indianapolis) public member; Blankenkaker; Falk; and Kenneth Curtis (West Lafayette) who was also recently reappointed.



David Blankenkaker



Mike Falk



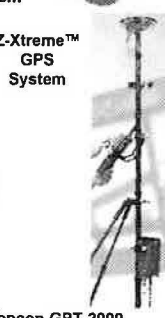
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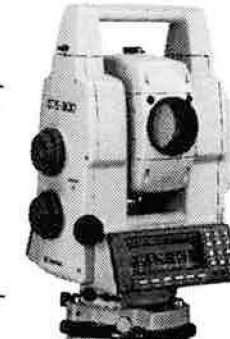
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ISPLS BOARD OF DIRECTORS MEETING HIGHLIGHTS

by Dianne Bennett, Executive Director

June 23, 2001

The ISPLS Board of Directors held a meeting on Saturday, June 23, 2001 at headquarters. President Gregory called the meeting to order at 9:02 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.

Publications - Dennis Grump, chairman, presented his report and asked for guidance or direction on the charges for his committee. He stated that as one priority they will be updating the survey manuals, especially Manual #3. After much discussion the board asked Dennis to report back for the August meeting on what the costs would be, and what the committee wants to do with the revision and updates.

By-Laws - Don Bengel, chairman, reported that the committee will be meeting July 12th in Lafayette.

Chapters - Northwest - They toured the JETCORR plant, a division of Pratt Industries. Also reported was that a survey plat review is being planned and their next meeting will be in the fall. Their next highway cleanup will be July 21st.

Northeast - Their next meeting will be July 20th. The chapter will have two scholarships at \$500 each for anyone pursuing a career from the Northeast area. A picnic and golf outing is planned for August 3rd.

St. Joe - Their last meeting was May 24th. The area plan commission staff on subdivisions gave a talk at that meeting. Chris Marbach, president, stated he will be holding monthly meetings and a picnic is being planned in July.

Wabash - Their next meeting will be July 13th.

Convention Coordinating - Additional money accounted from the 2001 convention will be distributed.

Curt Sumner, ACSM Executive Director, has sent additional information on the proposed 2006 ACSM National Convention site.

Education - Bill Clark, chairman, recommended the workshops CEH's on September 14, September 28, October 20, October 27, and the 2002 Convention seminars be approved. There was also discussion on a seminar being presented by another sponsor that was listing ISPLS for discounts leaving the impression that ISPLS was involved. Tony Gregory will send a letter to them and ask that they refrain from listing us in future mailings unless ISPLS is the sponsor and our rules are going to be followed.

The July 27th seminar at Valparaiso now has 70 signed up.

Hoosier Surveyor - Anyone that has articles for the next issue needs to have them in by July 15th.

Membership - Application for membership were reviewed and approved for the following: Life - Jacob Hall and Hershel Manhart. Professional Member - David Anderson, Jorge Camacho, James Campbell, Mary Carr, David Dahl, Gale Fansler, John Farrar, George Hartman, John Garvey, George Green, W. Robert Kusmer, Tod Mohr, Jon Monies and Allan Weihe. Associate - Kenenth Pitts, Kathy Kolosci and Brock Sears. Firm - Weihe Engineers, Inc. Affiliate - Roger Meyer and Gary Wilson.

The second membership renewal notices will be sent out in July.

Port-to-Port was contacted and asked how long it would take to complete the new database. Also asked was the cost of adding two more pages to our web site. One would be the Calendar and the other Seminars.

A letter was received from Agency Associates stating that they would no longer be able to get Safeco to market Liability insurance for us and they will be using Lloyds of London instead.

County Surveyor - John Stephens reported that the County Surveyors Convention would be in October.

Board of Registration - ISPLS received a thank you letter from the Governor for recommending individuals for appointments to the board.

NSPS - Don Bengel reported that Trig Star winner Ryan Camp from Hobart High School won the \$1000 bond.

Old Business - A letter was presented from Big Sky with an estimate of what the Phase Two would cost for Brad Ott's project. This would be another grant. Discussion followed on Grant procedures. Brad Ott will be asked to attend the August meeting to show us what has been done for the Phase One of his project.

New Business - Roger Woodfill sent a letter regarding a membership survey. The board felt we should do a membership survey before the Goal Setting session.

IUPUI has asked us to put a link on our Web site to their site. They are also sending out a letter of courses to all surveyors in July.

The Michigan Society of Professional Surveyors Foundation is repairing their Museum and has a program to raise funds to help maintain the facility. The campaign is to buy 4" x 8" brick for \$100 or and 8" x 8" brick for \$350. A motion was made and passed to buy an 8" x 8" brick for \$350. This program will also be mentioned in the Hoosier Surveyor so that individuals could buy one if they want.

August 4, 2001

The ISPLS Board of Directors held a meeting on Saturday, August 4, 2001 at ISPLS headquarters. President Gregory called the meeting to order at 9:27 a.m. The minutes and treasurer's report were reviewed and approved.

Change in Agenda - Steve Mobley from Capin Crouse will be in at 10 o'clock to talk to us about the question on Grants.

Staff Report - Dianne asked if we could purchase PC Anywhere. A motion was made and passed to purchase the program. Port-to-Port sent a proposal letter to work on Phase 2 for the database, also, a fee estimate for adding "What's New" for the Calendar and Seminar pages to our Web site. A motion was made and passed to add the two pages to the web site.

By-laws - Don Bengel, chairman, reported they met July 12 and will be meeting August 11th. Discussion will be on the relationship with Chapters and State membership dues and voting rights and they will also discuss the expulsion issues and professional practice guidance.

Chapters - Northwest - The chapter had their Highway Cleanup in July. Their next cleanup will be in October. The next meeting is September 13th. The chapter will be awarding 3 scholarships. 2 - \$300 and 1 - \$200.

Central Indiana Chapter - At the last meeting Sterling Systems

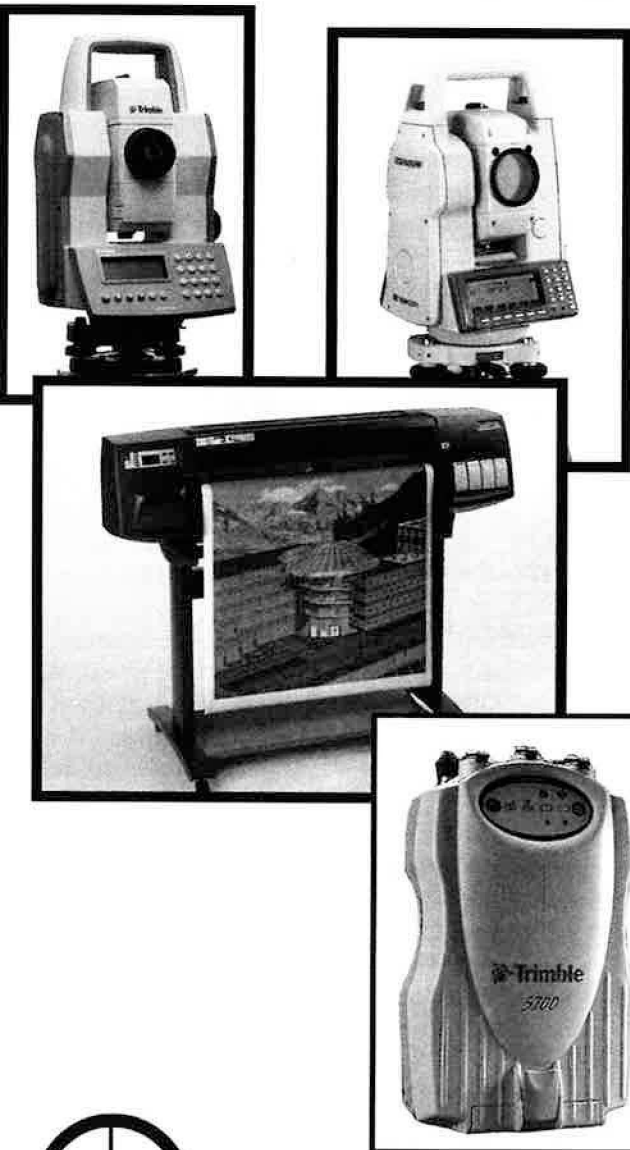
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MINUTES

continued from page 5
presented the new Cyrax instrument. The next meeting will be in September.

Wabash - At the last meeting the Professional Practice committee presented a talk regarding their responsibilities. The chapter is also looking into topics for a seminar. The next meeting will be in September.

St. Joe - The chapter met in July and the talk was with the St. Joe GIS Coordinator on their program. Also, discussed were scholarships. The next meeting is planned for the last Thursday in August.

Northeast - The picnic and golf outing will be August 17th. A seminar is being planned for October 20th on the "Theory of Location" on the campus.

Hoosier Hills - Two scholarships were given, one for \$500 to Tim Allen and one for \$250 to Eric Dickerson.

Grants - Steve Mobley from Capin Crouse was available to answer questions on the Grants program on how it could be operated and the formation of a foundation.

Education - Bill Clark, chairman, recommended 6 CEH for the workshop at the 2002 Convention by E.R. Gray. A motion was made and passed to approve the recommendation.

The education will review what should be on the new Calendar and Seminar pages on the web site.

Ethics - Will hold a meeting, they have only two issues before the committee.

Business Management - The Wallington quarterly report was reviewed.

Government Affairs - The Governor has appointed David Blankenbaker and Mike Falk as its new members. E. R. Gray was reappointed to the Board of Registration. Also, the BOR secretary has left for another position and is being replaced by Erica Engler and the Continuing Education program is being staffed by Debra Widemon.

Membership - A motion was made and passed to accept the following membership applications: Professional Member - James Fortner, Bruce Franke, Charles Graham, Bruce Hagen, Lee Hoffman, Dennis Kraus, John Keller, Vasco Kirby, Earl Martin, Dennis Singer, Richard Taylor and Timothy Wolf. Associate - Jeffrey Barnes, Robert Coyle, David Devine, Justin Frazier, John Hood, Jason Main, Stuart May, David Murray and Christopher Siebern. Firm - Maurer & Associates, Inc.

INDOT had asked if there was some sort of corporate membership that they could apply for. A motion was made and passed for them to submit a firm membership application.

A final notice for membership renewal will be sent.

Agency Associates has presented material to us on a Medical Plan for our members. This will be reviewed at the next meeting, also, PS Business Consultants has expressed a plan for Pre-Paid Legal Services for our members and that will be reviewed at the next meeting.

Professional Practice - Randy Miller asked the board a few questions on different subjects.

County Surveyor - John Stephens reported their AIC Fall Convention would be on October 9th at the downtown Marriott. They will also be fighting the proposed ruling with IDEM to implement them doing Phase 2 Rule 6 for 401 permit process on Wetlands without legislative review because the Federal govern-

ment has backed out from doing the work.

Board of Registration - A motion was made and passed to write a letter to the Board of Registration requesting that they review the requirement that a signature be needed on the Certificate for a Workshop by the presenter.

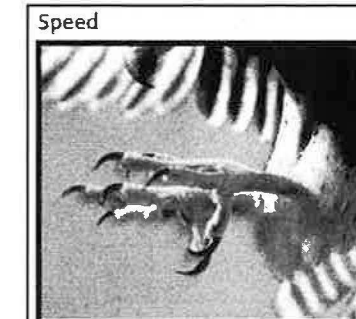
NSPS - Don Bengel reported that the state Trig Star winner Ryan Camp did not win the National competition. A student from Virginia won first place. Chapters should try to promote Trig Star for next year's competition. A motion was made and passed that the giving of \$1000 to the state winner each year will be given on a permanent yearly basis. The Public Relations committee will send a letter to the state school system on the winner of the Trig Star and its program for next year.

Old Business - Brad Ott presented a 5 minute video on the History of Surveying tape from Phase One of his project.

A motion was made and passed to allow Big Sky to complete Phase Two of the project and try to have it available for the Convention. Payment will be made through the Grants program as like manner as during Phase One of the project.

A motion was made and passed to have ISPLS start the process to form our own 501 (c)(3) organization.

New Business - Bill Clark, President Elect, presented an agenda on a revised way to form his committee structure. It was the opinion of the board that he should be allowed to proceed with his direction as he feels necessary.



Member Benefit

Broadwing offers Indiana Society of Professional Land Surveyors members the nation's premier member benefit telecommunications service. The service combines the state-of-the-art network and top quality service of Broadwing with the high level of accountability provided by the ISPLS.

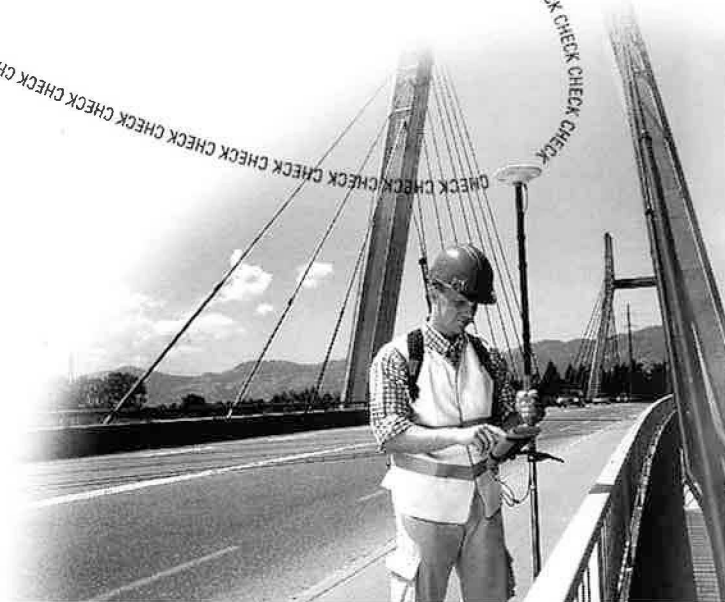
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5th Annual C.I.C. Golf Outing

After a one-week delay due to Mother Nature, 100 of central Indiana's finest surveyors took to the links for an afternoon of golf. The Link's Golf Club in New Palestine once again risked their lush fairways and smooth green's for our event.

Last years first place team from Coor Consulting; Knightstown, Indiana defended their title. Their winning score of -11 under par was equaled by the team from the G. Lengemann Co. The tiebreaker awarded the title to the team from Coor Consulting.

We would like to **Thank** the following Hole sponsors:

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ChrisNik, Inc.
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We would also like to **Thank** the following for door prize donations:

Topcon Positioning Systems,
Tripod Data System, Sokkia Measuring Systems, Nikon Instruments, and The G. Lengemann Co.

A Big **Thank You** to the following companies for sponsoring the Beverage Cart:

USI Corporation
Schneider Corporation
G. Lengemann Co.

This event raises money each year for the scholarship fund. In the short five years of this event it has raised over ten thousand dollars for the C.I.C. Scholarship Fund. Thanks to all who participated and we look forward to next years event on Friday, October 4th.



Which way to the first hole !!



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NSPS/ACSM Certification Program for Survey Technicians

With so much emphasis being placed these days on the perpetuation and enhanced professional standing of surveying through the development of educational opportunities in our four-year university programs, it is sometimes easy to overlook a significant segment of the profession. That segment is the multitude of technicians who every day collect and processes the data on which we, the professional surveyors, base our analyses and form our opinions.

As we pursue and encourage the concept of a four-year degree requirement for licensure, it is important that we also plan for the career advancement of those who, for whatever reasons, will not attain that status. We in the professional ranks must understand that the incentive and initiative necessary to keep our invaluable technicians in the business can only be recognized if a clear career path is defined.

A uniformly recognized method of documenting one's progress and achievements can be a major factor in this process.

"CERTIFIED COMPETENT"

Many years ago I played with a team of softball players who traveled to various parts of the country to compete. One of our players, who found humor in any situation, commented once that another of our teammates was crazy and had a certificate from a psychiatrist to prove it. While that statement is in poor taste, the point implied (probably unwittingly) is that a certificate carries with it a level of authority.

Certification is used by many organizations to acknowledge, through testing or some other mechanism, that someone has met requirements it has set forth for a particular activity. Certification is not the same as licensure, which bestows upon one the right to provide a service (usually a professional service) to the public in return for acceptance of the responsibility and liability associated with that right. It does, however, provide credibility for the person holding the certification.

Likewise, certification is a tool that can be used by anyone who wishes to purchase something for which the value may be subjective. For instance, if one wishes to purchase a used car, a notification on the window that the car is "certified" implies to the potential buyer that some extra care has been taken to increase the car's value. In surveying, a certification statement on a plat, signed by the surveyor, indicates that the service provided in order to create the plat was conducted at a level of high professionalism and quality. Whether a service one needs or wishes to purchase relates to repair of the washing machine, the car, or the computer, we all feel more confident that the service provided and the work done will somehow be better if performed by a "certified" technician.

When holding a certification is recognized by some entity as being necessary in order for one to be considered competent to provide a service, those wishing to provide that service will place great value on the certification. Such is the case with some consulting contracts through which private firms provide services to government agencies, like the ACSM Hydrographic Surveyor Certification required to perform some Corps of Engineers funded work.

It is within the context of providing both a credential and an evaluation tool that the Certified Survey Technician (CST) program, run through NSPS and ACSM, was created. The program has been in existence for several years. It has been within the past

few years, though, that it seems to have begun to generate greater interest among employers, technician level employees, and those who procure surveying services. As a company owner, I would like to have the ability to better gauge an applicant's capabilities than is typically possible through what is written on their resume. Likewise, those seeking employment need a credential to show that they have achieved recognition for a certain level of competence. While a procurement requirement that a firm have CST's on staff may not become mandatory in contracting for surveying services, agencies could certainly begin to allow extra credit to those firms who do. These are among the factors that make the CST program a meaningful benefit to the surveying profession.

The CST program is overseen by a board of volunteers from within NSPS/ACSM. The board is responsible for assuring that the test questions are legitimate, and for reviewing any challenges to questions that have been posed by examinees. They are also responsible for setting the pass/fail cutoff score for each test. The board also develops new questions to be inserted into the existing question banks, currently about 2600 questions. Staff members at NSPS/ACSM headquarters provide the administrative support necessary for the application, testing, and renewal processes to function properly.

Currently, the CST testing cycles are administered in conjunction with NICET, a national testing organization. NICET provides the routine test sites, the proctors, and grading of the tests. Sometimes there are not enough test seats available at the NICET test sites to accommodate those wishing to take a CST exam. When this occurs, or if testing is requested within the test cycle by those who cannot go to a NICET site, a test can be set up if a proctor and a site can be found. As interest has grown in the program, "special" tests as they are known, have become more prevalent. Future growth of the program may at some point require rethinking of the arrangement with NICET, if for no other reason than the volume of applications for tests. It seems appropriate that NSPS/ACSM should seek to develop arrangements with the various state surveying societies to identify proctors and test sites so that applications for testing can be accommodated regardless of whether there are available NICET seats.

Another aspect of CST is that it can serve as the basis for a career track for the technician level employees who may not have the opportunity to achieve the professional surveyor level because of existing or impending laws requiring a four-year degree. The CST program should be promoted as a benefit to members who can offer it to their employees at a reduced rate. Building a career track for technicians is critical to the future of the surveying profession because people need to have documentation that they have reached a particular level of competence. Without that documentation, the incentive to not only progress, but also just to stay in the profession may not exist.

With the help of many volunteers across the country, the CST Board, and the leadership within NSPS in particular, the program has made great strides. Recently, it was selected as the source for certification of Land Survey Technicians by the Arizona Department of Transportation. This is a program that deserves to be encouraged and utilized by the surveying community, and one that can serve as a model for future certification programs that may be considered by ACSM. Submitted by Curt Sumner, Exe. Dir. ACSM.



Hosted by the
Central Indiana Chapter of the
Indiana Society of
Professional
Land Surveyors

January 23, 24, 25, & 26
Marriott Hotel
Indianapolis, IN

Hospitality Room

Join the CIC -ISPLS Chapter members,
renew old acquaintances and make new
ones.

Watch for conference mailing and
make plans to attend!

Preliminary List of Sessions and Programs ISPLS 2002 Annual Convention

Wednesday, January 23, 2002

* STERLING SYSTEMS

- CYRAX 1 CEH (Elective) Speaker: Steven E. Brown

- AUTODESK Field Survey 1 CEH (Elective)
Speaker: Steve Gonda

*Pending Approval by the Board of Registration

3DI - LIDAR AIRBORNE/ REMOTE SENSING
2 CEH (Elective) Speaker: William Bernard

AEC CADCON, INC.

Survey Process Automation, 2 CEH (Elective) Speaker:
Scott Noble

Ethics for the Professional Surveyor, 4 CEH (Elective)
Speaker: Dennis Mouland

EXHIBITS Opening in the afternoon

COCKTAIL PARTY

LAS VEGAS STYLE CASINO PARTY
(Auction with winnings for Door Prizes)

BOD Dinner

Thursday, January 24, 2002

Rule 12 & Theory of Location in Sequential
Conveyances, 6 CEH (Mandatory) Speaker:
Gary Kent

Rule 12 The Process of Compliance
6 CEH (Mandatory) Speaker: E.R. Gray

Photogrammetry - Fundamental of
Photogrammetric Mapping, 1.5 CEH (Elective)
Speaker: Steven Johnson

GPS-III - Advanced GPS for Surveyors, 1.5
CEH (Elective) Speaker: Boudewijn van Gelder

Adjustment Computations for Surveyors, 3 CEH
(Elective) Speaker: James Bethel

Land Description Systems, 6 CEH (Elective)
Speaker: Dennis Mouland

Roadway Safety for Surveyors, 2 CEH
(Elective) Woods, Field, and Water Safety for
Surveyors, 2 CEH (Elective) Permit Required
Confined Spaces, 2 CEH (Elective) Speaker:
Ronald Koons

**A session by a Title Company
6 CEH (Elective)

** Pending Final Approval

ANNUAL BUSINESS MEETING

ISPLS Honors and Awards Banquet

Scholarship Presentations

Friday, January 25, 2002

Rule 12 and the Theory of Location in
Simultaneously Created Boundaries, 6 CEH
(Mandatory) Speaker: Gary Kent

Rule 12 The Process of Compliance
6 CEH (Mandatory) Speaker: E.R. Gray

The National Flood Insurance Program "Staying
Flood Smart", 2 CEH (Elective) Speaker:
Gregory Main & Anita Nance

Suggested Division of Water Procedures for
Hydraulic Modeling, 4 CEH (Elective) Speaker:
David Knipe

Ethics for the Professional Surveyor, 4 CEH
(Elective) Speaker: Dennis Mouland

Ethics for the Professional Surveyor, 2 CEH
(Mandatory) Speaker: Dennis Mouland

Managing A Business, 3 CEH (Elective)
Marketing, 3 CEH (Elective) Speaker:
Gerald Speth

Understanding Retracement & Applying
Priority of Calls, 6 CEH (Elective) Speaker:
Walter Robillard

Saturday, January 26, 2002

Level 3 ACSM Technician Program

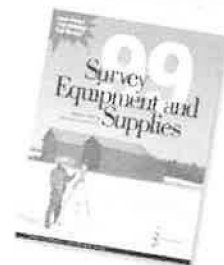
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SINCE 1962

National Society of Professional Land Surveyors Board of Governors Report

by E. Donald Bengel, PE-PLS, Valparaiso, Indiana

The Board of Governors met in Galveston, Texas on October 18 and 19, 2001 at the Moody Gardens Convention Center. There were forty-four Governors out of fifty-two present.

The meeting was called to order by President Evers of Florida. The most important items discussed were: Joint Government Affairs, Restructure, and Trig-Star.

The Government Affairs committee is doing a great job without the support of a staff person. John Matonich from Michigan gave a typical fine report.

The Trig-Star contest packets are projected to be available in the middle of November. The interest in the Trig-Star appears to be increasing across the board. The Trig-Star committee has established a Scholarship Fund Foundation with the goal of raising \$75,000 to endow the scholarship. The Governors pledged over \$5000 which were matched with challenge contributions from Governor Larry Doss of Knoxville, Tennessee and John Fenn of Michigan.

The Texas Society also contributed \$2000. This leaves a balance of approximately \$55000 to raise to fully endow the scholarship. See news release attached.

The Restructure Committee did not meet during the summer due to the schedules of the committee members. A report should be made at the April meeting of the Board.

The Board passed several motions: approval of a Memorandum of Understanding between NSPS and ASCE; request the NSPS Board to forward minutes of its meeting to the Governors so that they can report to their societies in a timely manner; request the NSPS Board to record roll call vote on motions that do not pass unanimously; appointment of two judges for the Spring 2002 NSPS Surveying Student Competition; request the Restructure Committee to bring a proposal to have joint meetings with the NSPS Board and the BOG to save time and effort in receiving reports that are usually made to both Boards; recommendation that each Governor suggest to their State Society the extension of fee reciprocity for attendance at seminars, meetings and social events ACSM/NSPS members provided they are members of a State Society; and recommend to the NSPS Board that an invitation to the other ASCM MO be made requesting an ex-officio member to the NSPS Board.

It was noted that a successful program was given at the National Boy Scout Jamboree. Tommy Brooks headed the event, which allowed the Scouts to work on the Surveying Merit Badge.

The formation of a new affiliate was announced. Washington, D.C. now has a Society of Land Surveyors. That group is expected to petition for membership in the Board of Governors and NSPS.

The next meeting will be in April, 2002 in Washington, D.C. in conjunction with the FIG meeting.

COMPLETED CAREER

Eldon C. "Red" Wagner, 86
Retired Univ. of Wisconsin Professor

Professor Emeritus Eldon Wagner, professor emeritus of surveying and photogrammetry in the Civil Engineering Department of the University of Wisconsin, died May 16, 2001 in Madison, WI. Red taught from 1930 through his retirement in 1978 and headed one of the most outstanding and renown surveying educational programs in the United States. He was also instrumental in founding the Wisconsin Society of Land Surveyors and had received several awards for his many surveying activities nationwide.

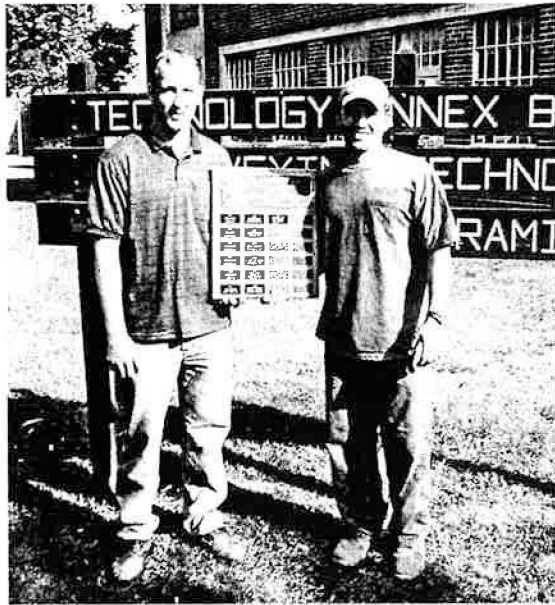
Zarko Sekerez, PLS, 71
Merrillville, Indiana

Zarko Sekerez, a former member of ISPLS and of the Northwest Chapter, passed away on June 29, 2001 at the age of 71. Zarko was the founder of Zarko Sekerez and Associates, a land surveying and engineering firm currently based in Crown Point, Indiana.

Trig-Star Endowment Fund

A new Endowment Fund has been created to support the Trig-Star Program. It is called the NSPS Foundation Trig-Star Scholarship Endowment Fund. The Fund was established to provide stability for the Trig-Star scholarship awards and to increase the scholarship amount awarded as the fund grows. The principal of the fund will not be used for scholarships. The Fund will be held by the NSPS Foundation in a separate account and interest only used for Trig-Star scholarship awards. The Trig-Star Committee will administer the fund and choose the awards based upon the Trig-Star competition. Fund donations are fully tax deductible for individuals, business, and corporations. A generous \$5,000 donation from Larry Doss, of Doss Constructive Ideas, Inc., in Knoxville, Tennessee started the fund. Larry has been a member of ACSM/NSPS since 1986 and was the Trig-Star Committee Chairman for three years. A sincere thank you is hereby extended to Larry for his concern and contributions to the program. Larry has also issued a challenge to the NSPS community that if each state will give \$100 to the Fund he will match that effort with another \$5000 donation! Trig-Star can be a tremendous public relations event for the surveying and mapping profession. High school students, their parents, teachers and the public see firsthand some of the work undertaken by surveying and mapping professionals, and the concern of the profession for rewarding academic achievement and teaching excellence. With your assistance, Trig-Star can maximize the exposure of the surveying and mapping profession to the next generation and create a strong positive image of the profession. Support is critical to ensuring the success of the Trig-Star program. Please consider a donation to the Fund. Call Trish Milburn at 240-632-9716 for information.

VINCENNES UNIVERSITY SCHOLARSHIPS



Vincennes University senior Joe Kiesel, (above right) of Haubstadt IN, is the co-recipient of the 2001 Peggy Archer memorial scholarship receiving a \$1000 scholarship. Joe's thank you follows:

Dear members of ISPLS: I would like to take this opportunity to thank you for selecting me as co-recipient of the 2001 Peggy Archer memorial scholarship. With it I am able to pursue my furthering of education in surveying Technology with the goal to become a licensed practitioner in Indiana. It is an honor to accept the award.
Sincerely,
Joe Kiesel

Vincennes University senior Austin Yake, (above left) of Bloomfield IN, is the co-recipient of the 2001 Peggy Archer memorial scholarship receiving a \$2000 scholarship. Austin's thank you follows:

Dear members of ISPLS: I would like to take this opportunity to thank you for selecting me as co-recipient of the 2001 Peggy Archer memorial scholarship. With it I am able to pursue my furthering of education in surveying Technology with the goal to become a licensed practitioner in Indiana. It is an honor to accept the award.
Sincerely,
Austin Yake



Vincennes University senior Eric Dickerson, (above) of Cominsky IN, is the recipient of the 2001 scholarship from the Hoosier Hills Chapter. His thank you is as follows:

I would like to take this opportunity to thank Hoosier Hills and Mark Isaacs for selecting me as a recipient of their scholarship. With it I am able to pursue my furthering of education in Surveying Technology.
Sincerely,
Eric Dickerson



Vincennes University senior Eric Rider received a scholarship from the Initial Point Chapter. His thanks is as follows:
I would like to thank the members of the Initial Point Chapter The scholarship is a honor and the money much appreciated.

VINCENNES UNIVERSITY SCHOLARSHIPS



Chris Binkley received the Indiana chapter Scholarship of \$500. His thank you is as follows:

Dear Southwest Indiana Chapter Members, Thanks you for naming me as the recipient of the southwest Indiana Scholarship. This award is greatly appreciated. It will help to continue to pursue an education, which will help prepare me for a career in the field of surveying. It is an honor to accept this scholarship from the members who meet close to my hometown.
Sincerely,
Chris Binkley

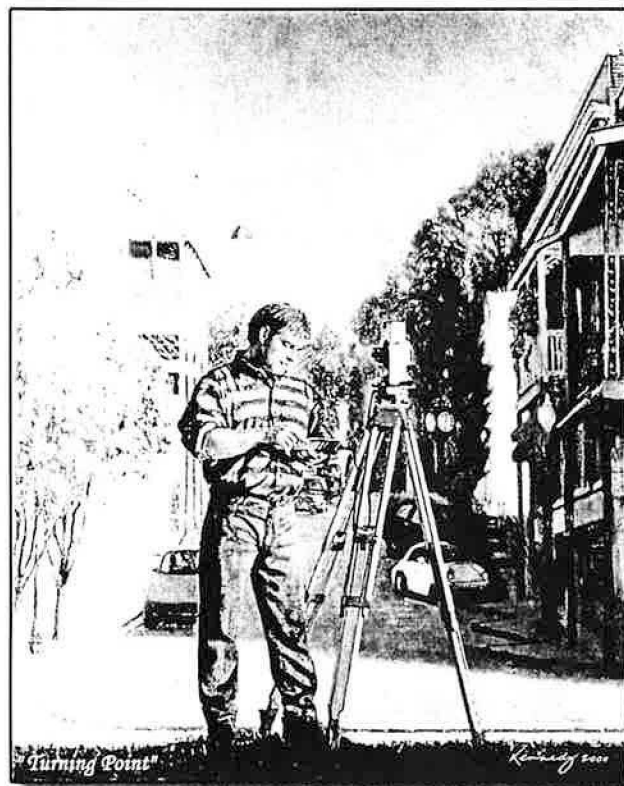


Jason Armstrong is also a recipient of this year's Southwest Chapter Scholarship. Here is his letter of thanks:

Members of the Southwest Chapter of ISPLS, I would like to thank you for choosing me as one of the recipients of the Southwest Chapter scholarships. It is a great honor to have received this scholarship. It will help me greatly to continue my schooling to become a professional land surveyor and pursue my licensing in Indiana.
Thanks,
Jason Armstrong



Valerie Zurcher is this year's recipient of the Lowell Pitser mental attitude award for 2001.
I want to take this opportunity to thank Mr. Art Hasse and Mr. Bill Clark for this acknowledgement.



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More than just money...it's a life!

by Ronald E. Koons, RoSaKo Enterprises
Safety Consultants, Middletown, Indiana

One of the low points in the safety consulting business is dealing with reports of fatalities and serious injuries. Some days I feel like a mortician, sorting through the bodies of paperwork to make sense of the reports. Occasionally a particular report will get my attention and off on a quest I go...surfing through a vast network called the Internet. I attempt to get as many of the details of a particular incident as possible. I have been known to call the OSHA inspectors who investigate fatalities and catastrophes to get their insight on what happened and how it could have been prevented. In the vast majority of cases I want to emphasize the phrase "could have been prevented". Many people who attend my seminars try to get across the point that sometimes, well, you know...stuff just happens. I can't disagree with that totally. If you are walking down a city street and a tire falls off an airplane traveling at 25,000 feet, travels all of the way to earth and picks out your body to land on, there is probably not much you could have done to prevent the incident. (However, the person responsible for putting on the tire might have made a difference.) Wearing five hard-hats, goggles, a face shield, and yes, even steel toed boots won't protect you from that tire. I used to work with a union plumber who had been in the business for years. He refused to wear steel toed work boots. He said if we made him wear them that he would quit. Upon further discussion he informed me why his stubborn streak came out on the boot issue. During his apprenticeship he observed a plumber who had a several hundred pound joint of steel pipe fall on his foot. My co-worker explained that the steel toes "just acted like a knife and cut off the mans toes". "After that time" he muttered "it will be a cold day you know where when I wear steel toed boots!" After discussing the issue a little more he added that the plumber was back to work in a few weeks and worked as a plumber for years after that. The missing toes didn't seem to slow him down. At one point I interjected "what do you suppose would have happened if the man didn't have on steel toes?" He countered that he didn't know. I contend that if you have a several hundred pound joint of pipe fall on your foot there is going to be major damage no matter what. Heck, maybe the steel toes saved him from losing the entire foot!

Sometimes we all start traveling down a particular path and come hell or high water we won't change our direction. It takes an avalanche, a 500 pound grizzly, (or our spouse) to change our direction. In my business that 500 pound grizzly quite often takes the form of an employee injury or even fatality. That is really sad. I know that every one of you truly value human life. There is nothing that you would do to intentionally hurt another human. Yet everyday throughout this country workers are sent to do a job that they are not prepared to handle. Yes, they know what to do, and they might even know how to get the job done...but do they really know how to do their job the safe way?

I have never had to tell a family member that their loved one

won't be coming home that night because they died at work. I certainly hope that I never have to do so. As managers and owners of a business we have feelings just like anyone else. The loss of an employee, coworker, and yes friend can be devastating. It will affect everyone employed at a business for days, weeks, and even months. I remember just a few years ago getting out of my vehicle early one morning to do a seminar on fall protection for one of our customers. Several employees of the company met me at my vehicle as I was unloading some samples of fall protection equipment. Now I must tell you that normally it is very difficult to get across the importance of fall protection to construction workers in the residential field. They have done things a particular way for years and aren't about to change. I was shocked when the employees started asking me questions about what equipment they should use even before I got in the building! We actually started the seminar early due to the interest. I finally asked what prompted the great enthusiasm. (Here comes that grizzly bear.) I was informed the previous year that company had two major injuries from falls. One young man 23 years old will never again be able to walk normally due to his injuries. The other employee was going to be off work for at least a year and his return was not certain. These employees had seen the grizzly bear and were willing to make a change. The owner of the company promptly purchased enough equipment to outfit all employees with the proper fall protection equipment.

I recently did a seminar on the various aspects that safety liability can take. There is criminal, OSHA, civil, and even moral liability. Although criminal can take you away from your family, it is the moral liability that hits hard personally. If an employee is seriously injured or killed you may have thoughts of "did I do everything to help him work safely" or "why haven't we had our safety meetings recently". That moral liability is one that can haunt you for a long time. What about the OSHA or civil liability? OSHA tends to get a bit up tight when a worker is killed. There will be an investigation, and barring the "tire from the sky" there is a good

probability your business will be cited. The citations for fatalities are rapidly increasing as OSHA makes a strong attempt to get their point across. But even OSHA isn't your biggest monetary problem. That civil liability issue is what will really hit eventually. In today's litigious society you can be fairly certain that a lawsuit will be filed. I know of one recent case where the total award for an employee fatality

here in Indiana was in excess of \$ 5 million against a business.

We owe it to our employees to provide the safest possible working environment. They deserve to come home after a days work with all of the parts of their body just as intact as they were that morning. A hard days work is fine. An unsafe days work is not. I was recently informed of another death in the surveying field. A

...continued Page 21

ARE YOU PAYING TOO MUCH FOR YOUR INDIVIDUAL OR GROUP HEALTH INSURANCE?

We are proud to announce that ISPLS is expanding the insurance program to include a group health plan for ISPLS members. We will be introducing the plan at the ISPLS Convention in January so be sure to stop by the Agency Associates booth and find out all of the details.

Highlights of the plan include

- ✓ Available for groups of 1 to 100+ (That's right, individuals can get group rates!)
- ✓ Reduced rates for ISPLS members
- ✓ Enhanced coverages

The ISPLS Insurance Program also includes the following insurance plans that have been specifically designed for ISPLS members and their employees to provide the highest possible coverage at the lowest possible cost.

- Dental**

Medical Savings Account

Business Owner's Policy

Umbrella Liability

Long Term Care Insurance

Voluntary Employee Benefits

 - Short Term Disability
 - Term Life
 - Universal Life
 - Cancer Plan
 - Section 125 Flex Plan
- Life Insurance**

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Workers' Compensation

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Indiana Society of Professional Land Surveyors Insurance programs for personal, business and health insurance are coordinated for ISPLS by Ruth Kelly, Agency Associates, 4545 Northwestern Drive, Zionsville, Indiana 46077

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CONTINUING ED APPROVAL FOR ISPLS WORKSHOPS

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

October 13, 2001	Lafayette, Indiana
* Coping With & Understanding Land Boundary Disputes	8 CEH
Walter Robillard (Elective)	
December 7, 2001	Anderson, Indiana
* RULE 12: The Process of Compliance	6 CEH
E.R. Gray, III (Mandatory)	
January 23-26, 2002	ISPLS Annual Convention
	Indianapolis, Indiana
* Rule 12 & Theory of Location in Sequential Conveyances	6 CEH
Gary Kent (Mandatory)	
* Photogrammetry-Fundamental of Photogrammetric Mapping	1.5 CEH
Steven Johnson (Elective)	
* GPS-III Advanced GPS For Surveyors	1.5 CEH
Boudewijn van Gelder (Elective)	
* Adjustment Computations For Surveyors	3 CEH
James Bethel (Elective)	
* Ethics for the Professional Surveyor (Wednesday)	4 CEH
Dennis Mouland (Elective)	
* Ethics for the Professional Surveyor (Friday)	2 CEH
Dennis Mouland (6 CEH)	Mandatory
	Elective 4 CEH
* Land Description Systems	6 CEH
Dennis Mouland (Elective)	
* Roadway Safety For Surveyors	2 CEH
Ronald Koons (Elective)	
* Woods, Field and Water Safety For Surveyors	2 CEH
Ronald Koons (Elective)	
* Permit Required Confined Spaces	2 CEH
Ronald Koons (Elective)	
* Rule 12 - The Process of Compliance	6 CEH
E.R. Gray, III (Mandatory)	
* Survey Process Automation	2 CEH
Scott Noble (Elective)	
* Remote Sensing	2 CEH
William Bernard (Elective)	

IT'S A LIFE continued from Page 19

surveyor was hit by a piece of earth moving equipment on a construction site and was killed. Just a few months ago two surveyors lost their lives while entering a manhole in Ohio. The average cost of even a minor injury has been found in nationwide studies to be in excess of \$ 2,600.00. Don't forget the time it takes to go to for treatment, the employee to take someone to the med center, time for paperwork, time to follow up on paperwork, water cooler discussions about the injury, etc. Make that a fatality and the costs can go astronomical. When looking at the cost of a fatality the expenses for your safety program, a safety meeting, a few signs, safety glasses, gloves, and good solid training can be a relatively minor investment. Remember, it's more than just money...it's a life!

County Surveyor Update

by John Stephens, PLS, Wabash, Indiana

The Association of Indiana Counties held its Fall Conference October 8th - 11th, at the Indianapolis Marriott, Hyatt and Westin Hotels. The County Surveyors Association had 30 people in attendance for the county surveyors affiliate meeting on Tuesday morning.

The legislative update consisted of two major I.D.E.M. proposed rules which will eventually affect every county in Indiana. 1) Proposed Rule 13 is the administrative rule which would require the mapping and chemical analysis sampling of tile outlets within the state. This rule includes several requirements which exceed the minimum standards as established by the EPA as part of the Clean Water Act. No additional funding is provided in this legislation which could ultimately require Indiana counties to initiate another type of user fee for storm water. The County Surveyors Association agreed to actively pursue amending this current version of the rule.

2) The Surface Water Modification Permit is the proposed administrative rule which would regulate wetlands not regulated under Section 401 of the Clean Water Act but that are, nonetheless, waters of the state. In summary, this is another proposed permit for all areas that I.D.E.M. determines a wetland by its strictest definition. The county surveyors agreed that this rule should exempt all regulated drains under the jurisdiction of the Indiana Drainage Code.

After the legislative update, William Clark of Vincennes University presented the surveying curriculum and course descriptions for the current surveying degrees at the school. The NSPS-ACSM Survey Technician Certification program was also presented to the county surveyors group.

Tom Mahon of Woolpert followed with a program on corner perpetuation. The presentation included a brief history of the legislative acts affecting the public land system, coordinate system, county surveyors and GPS perpetuation. Tom's program proposed a different perspective for standardizing GPS and section corner perpetuation. Woolpert sponsored the county surveyors luncheon after the affiliate meeting.

Richard Vermillion, Knox County Surveyor, received the "Outstanding County Surveyor Award" presented at the awards banquet on Wednesday evening.

The County Surveyors Association would also like to welcome all of the new county surveyors and offer any assistance. The current officers are as follows:

- President - John Stephens, Wabash County
- Southern Vice President - Richard Vermillion, Knox County
- Central Vice President - Lynnette Pletch, Clinton County
- Northern Vice President - Scott Zeigler, Noble County
- Treasurer - Dave Gaston, Hendricks County

CALENDAR

WELCOME NEW ISPLS MEMBERS



December 3-7, 2001

SPATIAL ODYSSEY 2001, an interagency GIS conference presented by National Park Service at Primm Valley Resort, Nevada
Check web site: www.nps.gov/gis/odyssey

December 7, 2001

Wabash Valley Chapter ISPLS Seminar, Speaker: E.R. Gray, III, Topic: "RULE 12: The Process of Compliance", 6 CEH (Mandatory) Holiday Inn, Anderson, Indiana
Contact: Brad Rayl (765) 643-5614 or rse@netdirect.net

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

February 7-9, 2002

PLSO Annual Conference, Akron, Ohio

For info call: (303) 375-1390

February 20-23, 2002

IPLSA Annual Conference, Springfield, Illinois

For info call: (217) 498-8102

April 19-26, 2002

FIG/ACSM/ASPRS Spring 2002 Conference, Washington, D.C.

Check ACSM's web site: www.acsm.net

January 8-10, 2003

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

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June 23, 2001

David Anderson - Member
Jorge Camacho - Member
James Campbell - Member
Mary Carr - Member
David Dahl - Member
Gale Fansler - Member
John Farrar - Member
John Garvey - Member
George Green - Member
Jacob Hall - Life
George Hartman - Member
Kathy Kolosci - Associate
Robert Kusmer - Member
Hershel Manhart - Life
Roger Meyer - Affiliate
Tod Mohr - Member
Jon Monies - Member
Kenneth Pitts - Associate
Brock Sears - Associate
Weihe Engineers, Inc. - Firm
Allan Weihe - Member
Gary Wilson - Affiliate

August 4, 2001

Jeffrey Barnes - Associate
Robert Coyle - Associate
David Devine - Associate
John Fortner - Member
Bruce Franke - Member
Justin Frazier - Associate
Charles Graham - Member
Bruce Hagen - Member
Lee Hoffman - Member
John Hood - Associate
Dennis Kraus - Member
John Keller - Member
Vasco Kirby - Member
Jason Main - Associate
Earl Martin - Member
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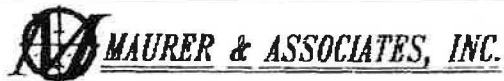
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