

HOOSIER SURVEYOR



QUARTERLY PUBLICATION OF THE
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PROFESSIONAL LAND SURVEYORS, INC.

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AFFILIATED WITH THE
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SURVEYING & MAPPING



The benefits of the Society include receiving the official publication of the Society: **Backsights**; contact with members who are interested in the history of the science of surveying; participation in the affairs of the Society such as serving on the board, attending meetings, serving on committees, exhibiting artifacts at conferences, in museums and public buildings; also, satisfaction gained through knowledge that you are supporting the research, acquisition, and display of surveying memorabilia and instruments which have played a vital role in the history of surveying and mapping.

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Surveyors

Historical

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Karl McConnell, far right, owner of one of the finest collections of surveying artifacts in the country displayed part of his collection

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1989-1990

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OBJECTIVES

The Surveyors Historical Society (SHS) is a non-profit, tax-exempt, public benefit corporation which is dedicated to the public purposes of preserving historical surveying instruments, artifacts, records and memorabilia. SHS is dedicated to educating the general public about the history of surveying.

Future efforts will be directed toward displays of surveying history of the world, to develop local surveying history, to establish regional museums (under the direction of our Task Force Committee), and to search out old surveying records & instruments for a computerized data base catalog.

SHS intends to communicate and cooperate with all persons and organizations that share the public benefit purpose of education concerning the history of all branches of the science of surveying.

If you are not yet involved, and want to become involved, you are warmly invited to join and support our Society which is dedicated to and actively engaged in preserving the lore and the legacy of the profession of surveying.

LOCAL HISTORY



Pictured above is an antique surveyor's compass, but of special interest - it was made in Milwaukee by the David White Co. The company is still in business and doing well.

BACKSIGHTS is the semi-annual newsletter publication of the Surveyors Historical Society, a Chartered non-profit corporation. The newsletter is distributed, free of charge, to all members of the Society, and to other interested parties upon request. In addition to presenting matter of interest, **BACKSIGHTS** should be typed, double spaced, with author or source identified, and with photos if available.



BACKSIGHTS

Newsletter of the

SURVEYORS HISTORICAL SOCIETY

A VOICE OF THE PAST

MAY 1989 Vol. 4 No. 1

Masthead	1
President's Thoughts	2
State of Society Message	3-4
ISPLS Annual Convention	6-7
State Board of Registration/L.S. Registrants	9-11
Vincennes Scholarship Recipients	11
Surveyors Historical Society	13
Survey Technology - GPS	15
Committee News - Ethics	16
ISPLS Surveyor Complaint Form	17
ISPLS Chapter News/County Surveyors Corner	19
ISPLS Membership Application	21
ISPLS Publications Form	22
Calendar & Announcements	24
Sustaining Members Listing	24
Firm Members Listing	25

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EDITOR'S NOTE

Deadlines for copy for various planned issues of the HOOSIER SURVEYOR are as follows: Winter issue - December 31; Spring issue - March 31; Summer issue - June 30; Fall issue - September 30.

The HOOSIER SURVEYOR is published quarterly by the INDIANA SOCIETY OF PROFESSIONAL LAND SURVEYORS, to inform land surveyors and related professions, government officials, educational institutions, libraries, contractors, suppliers, and associated businesses and industries about land surveying affairs.

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PRESIDENT'S THOUGHTS

Roger Woodfill
ISPLS President



The trick to writing the president's column is getting started, and the trick to getting started is to have a goal. My goal for the Indiana Society of Professional Land Surveyors in 1990 is to win the ACSM/NSPS "Affiliate of the Year" award, and here is how we are going to do it.

In January we will hold our annual membership meeting, raise some money for scholarship, and organize a state chapter of the Surveyor's Historical Society. Wait, we have already done that. Jim Russell, Kerry Dickmeyer, and almost all our members in the Fort Wayne area put on a fine convention for us; and the group interested in survey history wrote the by-laws and elected Dan Pusey, President, and Brenda Owens, Secretary of the newly formed Indiana Chapter of SHS.

Well, then in February we will reorganize how the "Hoosier Surveyor" is put together, establish some concrete deadlines, and look into doing most of the editing, and composing "in house". But we have already done that too. Anybody reading this article can see the revised look of the "Hoosier Surveyor" that Prof. Curtis, Mike Crawford, and Dianne Bennett have created. There is news in here about the registration board, county surveyors, chapter activities, ACSM/NSPS, government affairs, ethics, and technician certification.

I know, to win the award we will make a big public relations splash in March. Too late again - Vic McCauley called, and he has a joint public relations project arranged with the Boy Scouts of America for March 3rd. Some surveyors in the guise of ISPLS will be making a topographic map on a couple acres at a scout camp near Seymour to help the scouts build a council circle. That sounds like a decent thing to do. Vic says that they are even going to help some scouts earn merit badges. They are going to take pictures, and write up a little story too. I doubt if we can come up with a better public relations stunt than that!

Now what can we do in April? When I met with the ethics committee (they meet regularly now - note the

complaint form and procedure in this issue of the Hoosier Surveyor); they suggested a "nuts and bolts" workshop on the standards information required on a typical survey. I will check with the education committee; or maybe Jake Hall has had some luck creating a joint workshop with the Indiana Department of Transportation about GPS. I wonder how Don Rock is doing organizing the life members? And there is that statewide "Trig-Star" program to organize. We need to give our government affairs "minuteman" program a test, and the new Surveyors' Political Action Committee ought to be doing something right before the primary - I better give Pat Cunningham a call.

You know, the members of ISPLS are getting a lot done. This idea of a surveyor living in the past, present, and future is a fun business. I think that I will enter the Indiana Society of Professional Land Surveyors name in the affiliate of the year competition.

* * * * *

MEMBERSHIP MEETING HIGHLIGHT

Government Affairs: The "minuteman" program is up and running. The Professional Land Surveyors Political Action Committee has been established.

STATE OF THE SOCIETY MESSAGE

A Report to the Membership

by Gary R. Kent, Immediate Past-President ISPLS

1989 has been a year of great emotion and efforts in ISPLS. The year seems to have been dominated by developments related to Rule 13 and the Survey Standards, but a great deal was accomplished in the way of meeting the goals set out last year at the Annual Meeting. I encourage you to review our progress with me.

We made great strides towards reaching our goal of developing a comprehensive public relations program this year. A presentation for one target audience (related professionals in the real estate field) has been developed at great time and effort. This is one crucial step in our effort to more fully develop ourselves as professionals which will be our asset in realizing our overall goals.

Elsewhere in this issue you will find the guidelines for handling of complaints developed by John Schneider and corporate attorney Ron Hansell and adopted this year by the ISPLS Board. This too was one of our objectives.

Towards meeting our objective of developing a comprehensive program for accomplishing legislative goals, we have been working with several respected statehouse lobbyists, Thor Miller and Tom Dinwiddie, who have given us direction and advice and have assisted us in arranging and facilitating one on one contacts with a number of influential legislators.

Mr. Miller also assisted ISPLS in the formation of the *Professional Land Surveyors Political Action Committee* which came into existence on January 1, 1990 and which will be a powerful tool in helping us to gain access to our legislators. You will be hearing much more about the PAC soon.

The ISPLS Minuteman program is now on line. This program has been watched with enthusiastic interest by our fellow professionals. With Minuteman, we will be able to more effectively reach out to our legislators with our legislative messages.

ISPLS has become an active member of the new *Joint Societies Government Affairs Committee* along with Consulting

Engineers of Indiana, the Indiana Society of Professional Engineers, Professional Engineers in Private Practice and the Association of Indiana Architects. The Committee, which meets monthly, has combined the resources of the various member organizations to more effectively and efficiently monitor and react to legislation and to keep in contact with each other on issues of common concern.

We feel we are on track for substantial movement toward our goal of a separate Registration Board. We hope to see a legislative study committee looking at this issue this coming summer.

Regarding the Registration Board itself, this year has seen a continuation of the excellent communication and spirit of cooperation between ISPLS and the Registration Board. Chairman William Hill and the other members of the Board have been exemplary in their service. With the new state administration this year have come changes in the membership of the Board of Registration. Governor Bayh replaced former ISPLS President Rex Bowman and Gerald Waltz of the Indianapolis Power & Light Company with former ISPLS President John Schneider and former ISPLS Board member, St. Joseph County Surveyor John McNamara. We look forward to a continuing mutually beneficial relationship with the Board.

The ISPLS Board has come to the realization that our goal of mandatory professional development by 1991 may not come to fruition prior to establishment of a separate Board, but we hope this issue too will be on the agenda of a legislative study committee this summer.

The Publication Committee with the guidance of Chair Jerry Carter has overseen the long-awaited update to the ISPLS Law and Surveying Manual #3. The new manual brings us up-to-date on current Indiana law and is available through ISPLS headquarters for \$55 for members and \$65 for non-members.

ISPLS Headquarters has seen great advancement this year. In December we moved onto the 12th floor of the Circle Tower Building on Monument Circle in Indianapolis. The three year lease will

give us time to make long-term plans regarding future headquarter facilities.

Additionally, we have provided Office Secretary, Dianne Bennett with a new 286 based computer, laser jet printer, copy machine and fax machine. The Board felt that these purchases were necessary to meet the needs of the membership and to provide Dianne with an efficient office.

By way of keeping in touch with our members and fellow professionals, we made numerous trips to talk with a variety of groups. This past year we addressed the County Recorder's Association, the Consulting Engineers of Indiana (in Galena, Illinois), an informal group of real estate professionals in Fort Wayne, the St. Joe Valley, Northwest, Initial Point and Central Indiana Chapters of ISPLS, the Indiana Land Title Association, and the Indiana Continuing Legal Education Forum. This in addition to many, many legislative and standards meetings.

As a result of working extensively with the Indiana Department of Highways on Rule 13, we developed a mutually beneficial and respectful relationship with that organization. We have both recognized the value of our relationship and are continuing to meet and discuss subjects of common concern.

Finally, with regard to Rule 13, as you all know we battled early and hard in the legislature this year to prevent the complete destruction of all of our efforts. Although we knew that numerous revisions would be needed to clarify and clean up many parts of the standards, that fight provided added impetus. The Standards Committee met several times and Chair Wes Day spent countless hundreds of hours meeting and talking with many members of our society and persons in affected fields to solicit comments and hear complaints.

As a result of those meetings, we have presented a proposal for a revised version of Rule 13 to the Registration Board for its consideration. It is our hope that the Board will accept our proposal and after review by the Attorney General will schedule a public hearing soon and subsequently adopt the revisions.

The Standards Committee believes that the proposal adequately addresses most of the critical issues raised. At the top of the list was route surveying which, with the help of IDOH, has been addressed in a manner agreed upon by virtually all

parties involved in the process. Additionally, numerous changes have been proposed in the recordation aspects of the Rule. A number of other substantial changes and many esoteric revisions are included in the proposal.

We encourage everyone to pay close attention to the revision process. Assuming the Board does adopt a revised Rule 13 and it is signed by the Governor, ISPLS and perhaps the Indiana Department of Highways will sponsor a new set of seminars aimed at helping the surveying community adapt to the revised Rule.

It has been my pleasure to serve ISPLS and the Indiana surveying community this past year. It has been one of excitement and accomplishment that has set the stage for the challenges and opportunities we face in the 1990's.



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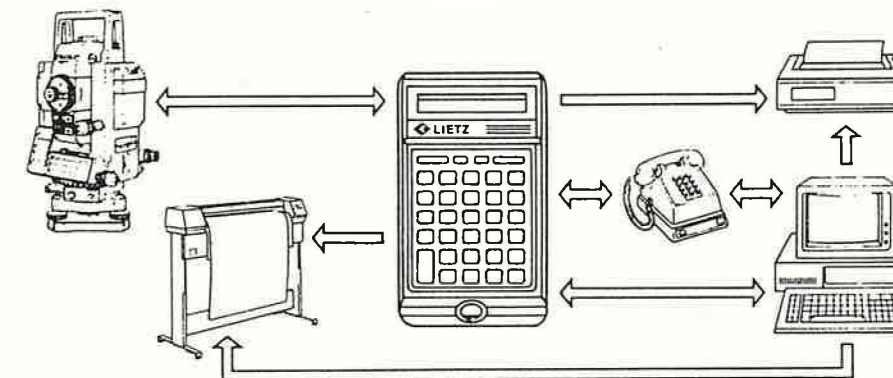
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REPORT FROM THE 38TH ANNUAL CONVENTION OF THE ISPLS

by Mike Crawford

On January 18, 1990 surveyors from across the state began to gather at the Summit (the Summit City, Ft. Wayne, that is) for the 38th Annual Convention of the Indiana Society of Professional Land Surveyors. Over the next two and half days members of our profession had the opportunity to exchange ideas and conduct Society business, attend educational sessions, view the latest in surveying technology and services, honor our own, and generally enjoy the fellowship of people facing similar challenges.

Opportunities to participate in information sharing ranged from informal "round table" discussions at meals or conversations at the hospitality suites to the more formal Annual Membership Meeting and Rule 13 panel discussion.

A wonderfully diverse educational program was offered. Friday one had to decide between sessions with the topics: "Dealing with Difficult People", "Erosion Control", and "Urban Drainage Analysis - 'Illudas'". Saturday brought: "Influence of Wetland Legislation on Development", "Celestial Observations", "Quality Control in Construction Staking", and "Antique Surveying Equipment".

The Exhibit Hall offered an occasion to come up to date with the latest

in innovations in surveying technology, negotiate a deal on more traditional equipment, or see what it is happening at our institutions of higher learning. Twenty seven exhibitors were present.

At the luncheon on Saturday we recognized a few of the individuals that make our profession, in general, and our society, in particular, what it is today - exceptional. Out-standing Service Awards were presented to Pat Cunningham and Wes Day. Rollyn Blankenkober received the Bridge Award. This was the final presentation of this special award which was created for the '80's. Contributors to the various scholarship funds were also honored.

The two and half days in Fort Wayne were a great experience and opportunity. A debt of gratitude is owed to the Convention Committee:

Co-Chairman - Kerry Dickmeyer and James Russell;
 Program - Bruce Franke and Allen Frisinger;
 Registration - Timothy Owens and Greg Roberts;
 Exhibits - Joel Hoehn, Mike Sadlon and Mike Kopp;
 Facilities - John Updike
 Spouse - Linda Dickmeyer.



ISPLS Convention
 Grand Wayne Center
 Fort Wayne, Indiana



Annual Membership Meeting



Jim Russell, left to right, Kerry Dickmeyer (Co-Chairmen of the Convention), Bruce Franke of the Program Committee.



William Eviston, on left, and Eric Ellingson conduct Wetlands seminar.



Gary Kent, on left, presents Rollyn Blankenkober, with the Bridge Award.



Immediate Past President Gary Kent, on right, receives Award from President Roger Woodfill.



John Daily, President of NSPS, administers the oath of office to the 1990 officers and directors.



John Daily addresses members at Friday luncheon.



Gary Kent with Outstanding Service Award recipients Pat Cunningham, on left, and Wes Day, on right.



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TEST CYCLE 1

Test Date	Application Postmark Deadline††
January 27	December 1, 1989
February 10	December 15, 1989
February 24	December 29, 1989

TEST CYCLE 2

Test Date	Application Postmark Deadline††
May 5	March 9
May 19	March 23
June 2	April 6

TEST CYCLE 3

Test Date	Application Postmark Deadline††
July 21	May 25
July 28	June 1
August 11	June 15
August 28	June 29

TEST CYCLE 4

Test Date	Application Postmark Deadline††
November 3	September 7
November 17	September 21
December 1	October 5

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IDAHO
Boise State University
Ricks College, Rexburg

ILLINOIS
Harper College, Palatine

CYCLE 1	CYCLE 2	CYCLE 3	CYCLE 4
Feb 10	Jun 2	Aug 11	Nov 3
Feb 10	May 5	Jul 28	Nov 17
Feb 24	May 5	Aug 25	Nov 3
Feb 10	May 19	Aug 25	Nov 17
Feb 24	May 19	Aug 25	Nov 3
Feb 24	May 5	Aug 25	Dec 1
—	May 19	—	Nov 17
Jan 27	May 5	Aug 25	Nov 3
Jan 27	May 5	Jul 28	Nov 3
Feb 10	May 5	Jul 28	Nov 3
Jan 27	May 5	Jul 28	Nov 3
Jan 27	May 19	Jul 28	Nov 17
Jan 27	May 5	Aug 25	Dec 1
Feb 24	May 5	Jul 28	Dec 1
Jan 27	May 5	Jul 28	Nov 3
Jan 27	May 5	Jul 28	Nov 3
Feb 24	May 5	Aug 11	Nov 17
Feb 24	May 5	Aug 25	Dec 1
Feb 24	May 5	—	Nov 3

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CYCLE 1	CYCLE 2	CYCLE 3	CYCLE 4
Feb 10	Jun 2	Aug 25	Nov 3
Feb 24	—	—	Dec 1
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Feb 24	May 5	Aug 25	Dec 1
Feb 24	Jun 2	Aug 25	Dec 1
Jan 27	May 5	Jul 28	Nov 17
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Jan 27	May 5	Aug 11	Nov 17
Jan 27	May 5	Aug 11	Nov 17
Feb 10	May 5	Aug 11	Nov 3
Feb 24	May 5	Jul 28	Nov 3
Jan 27	May 5	Aug 25	Dec 1

††Applications must be postmarked by the listed date. These postmark deadlines will be strictly observed. All applications postmarked after the published deadline date will be held for the next testing date at the Test Center selected, unless a second choice with a later postmark deadline date is indicated.

***Indicates testing will be conducted in the cycle, but precise date has not yet been determined. In order to comply with postmark deadline requirements, applicants should use the earliest postmark date listed for the cycle. Contact ACSM to obtain precise dates determined after publication of this schedule.

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(1986-1989)

The following have passed the Indiana land surveying test (and associated educational and experience requirements) during the past four years and are fully registered as professional land surveyors in Indiana with all the rights, privileges, and responsibilities associated there with. The statistics are: 1986 - 17; 1987 - 15; 1988 - 43; and 1989 - 38.

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 - 860014 Dan E. Burnett, 7813 Ashton Ln., Fishers, IN 46038
 - 860015 Sid D. Bennett, 5080 Turkey Track Rd., Martinsville, IN 46151
 - 860016 Lee R. Hoffman, R.R. 2, Box 542, Haubstadt, IN 47639
 - 860017 Wilbur E. Peak, 706 Sunset Av., Elkhart, IN 46514
-
- 870001 William A. Schmidt, 7450 N. College Ave., Indianapolis, IN 46240
 - 870002 Joel A. Hoehn, 7309 Bradbury Ave., Fort Wayne, IN 46809
 - 870003 Perry D. Cloyd, 13500 N. US 31 Lot 18, Edinburg, IN 46124
 - 870004 James S. Campbell, R.R. 3 Box 2, Farmersburg, IN 47850
 - 870005 Jeffrey D. Souder, R.R. 3, Pekin, IN 47165
 - 870006 Kevin R. Michel, R.R. 10, Columbia City, IN 46725
 - 870007 C. David Helton, 122 E. Walnut St., Greencastle, IN 46135
 - 870008 M.A. Gardner, R.R. 1 Box 187, Austin, IN 47102
 - 870009 Steven W. Archer, 682 Green Rd., Bloomington, IN 47401
 - 870010 E.H. Doyle, 1901 Kenwood Ave., Fort Wayne, IN 46805
 - 870011 James K. Gorman, R. R. 2 Box 39, Westport, IN 47283
 - 870012 Ronald L. Ramey, 8810 Pendleton Pike, #284, Indianapolis, IN 46226
 - 870013 James D. Burlage, R. 3, Columbia City, IN 46725
 - 870014 David L. Savage, P.O. Box 15247, Evansville, IN 47716
 - 870015 Richard G. Rayback, 6531 Shelbyville Rd., Indianapolis, IN 46237
-
- 880001 Randall D. Miller, 1911 Wabash Rd., Marion, IN 46952
 - 880002 Christian F. Marbach, 23274 May St., Edwardsburg, MI 49112
 - 880003 Robert C. Woloshen, P.O. Box 1147, Bedford, IN 47421
 - 880004 Brian L. Wood, 13127 Pennypacker Ln., Fairfax, VA 22033
 - 880005 Matthew E. Wannemuehler, 6407 W. Mill Rd., Evansville, IN 47712
 - 880006 Paul K. Mauer, 6363 Forest View Dr., Indianapolis, IN 46260
 - 880007 Alan B. Cleveland, 3508 Luewan Court, Indianapolis, IN 46236
 - 880008 Rex R. Pranger, R.R. 3 Box 197-A, Wolcottville, IN 46795
 - 880009 Christopher H. Phillips, 260 King Arthur Dr., Franklin, IN 46131
 - 880010 W. K. Kingsbury, 7302 Templeton Dr., Louisville, IN 40214
 - 880011 William D. Kyler, R. 2 - Meridian Rd., Columbia City, IN 46725
 - 880012 Richard J. Kempter, P.O. Box 222, North Webster, IN 46555
 - 880013 Robert James Staton, 1941 N. Lyndhurst Dr., Speedway, IN 46224
 - 880014 Michael D. Mundy, P.O. Box 244, Ellettsville, IN 47429

LAND SURVEYOR REGISTRANTS CONTINUED
(1986-1989)

- 880015 William E. Wemhoff, 424 N. 5th St., Decatur, IN 46733
- 880016 Brenda S. Owens, 8279 Castle Ridge Ln., Indianapolis, IN 46256
- 880017 Richard A. O'Brian, 330 Duck Creek Ln., Noblesville, IN 46060
- 880018 Richard L. Hudson, 574 N. 50 W., Valparaiso, IN 46383
- 880019 William J. Hudson, 406 Tinsley Ave., Crawfordsville, IN 47933
- 880020 William D. Brown, 1520 E. Chester Rd., Richmond, IN 47374
- 880021 Martin H. Badgley, 1905 W. St. Louis Dr., Kokomo, IN 46901
- 880022 James R. Riney, 416 W. Third St., P.O. Box 535, Owenboro, KY 42302
- 880023 Allan L. Hanft, 9291 Fordham St., Indianapolis, IN 46268
- 880024 Martin G. Vondra, 310 Jackson Hts. Rd. #22, Plymouth, IN 46563
- 880025 Richard W. Burgeson, P.O. Box 352, Petersburg, IN 47567
- 880026 Stephen A. Pope, 4976 US 40 E., New Paris, OH 45347
- 880027 David K. Mills, R.R. 4, Box 701V, Jasper, IN 47546
- 880028 Gerald J. Miller, 1423 Mill St., Jasper, IN 47546
- 880029 John T. Saylor, P.O. Box 614, New Carlisle, IN 46552
- 880030 Michael W. Davis, 7808 Wishingwell Court, Ft. Wayne, IN 46815
- 880031 Andrew W. Gerdorn, 3233-1B Merrick Ln., Indianapolis, IN 46222
- 880032 Howard Turner, 3205-H Quarry Dr., Lafayette, IN 47905
- 880033 John W. DeMais, II, 4607 Dayton Rd., Lafayette, IN 47905
- 880034 Michael G. Buettner, 1618 Chandler Dr., Lima, OH 45805
- 880035 Donald Ray Adler, 1225 Mesker Park Dr., Evansville, IN 47712
- 880036 Michael J. Nagel, 4727 Collbran Court, Ft. Wayne, IN 46835
- 880037 Kenneth Ray Brosmer, R.R. 1 Box 419, Jasper, IN 47546
- 880038 William Dougherty, 9538 Shiloh Wood Court, Indianapolis, IN 46234
- 880039 Walter J. Smith, 2309 S. Beulah Ave., Indianapolis, IN 46241
- 880040 Gordon R. Martin, 3168 Beeler Ave., Indianapolis, IN 46224
- 880041 Edward M. Fisher, 930 Oak Ridge Dr., South Bend, IN 46617
- 880042 Jerry D. Wiggins, 19 N. Middle St., Greenwood, IN 46143
- 880043 Robert W. Gross, 2512 Eckman Place, Lafayette, IN 47905

- 890001 Stephen J. Christian, 1568 Creekwood Dr., Brownsburg, IN 46112
- 890002 Ronald L. Burcham, R.R. 3, Box 293, Mitchell, IN 47446
- 890003 Jeffrey A. Meyerrose, 501 Congressional Blvd., St. 110, Carmel, IN 46032
- 890004 Michael L. Crawford, 5814 Rymark Court, Indianapolis, IN 46250
- 890005 Roger T. Nawrot, 58381 Ramblewood Ln., South Bend, IN 46619
- 890006 Douglas R. Curry, 7346 S. Zikes Rd., Bloomington, IN 47401
- 890007 Donald C. Andrews, 724 Nottingham, Sturgis, MI 49091
- 890008 David L. Cox, 3507 Central Ave., Middletown, OH 45044
- 890009 M. Frank Avila, 7048 N. Odell, Chicago, IL 60631
- 890010 Gary L. Piers, 5043 Karen Dr., Indianapolis, IN 46226
- 890011 Gail L. Gonterman, 9121 Illinois Rd., Ft Wayne, IN 46804
- 890012 Jerry Garrison, 638 Wagner Ave., Greenville, OH 45331
- 890013 Gary G. Wilson, 8206 Elm Dr., Traverse, MI 49684
- 890014 Michael Fitzsimmons, Rt. 10, Box 260, Evansville, IN 47712
- 890015 Steven M. Newton, 717 W. Main St., Ste. 300, Louisville, KY 40202
- 890016 David W. Mostrom, 63843 W. Shore Rd., Sturgis, MI 49091
- 890017 Steven C. Thate, 3106 Monroe Street, LaPorte, IN 46350
- 890018 Kevin M. Westerkamp, 5463 Tulip Ave., Portage, IN 46368
- 890019 Kenneth Russell, 4930 Illinois Rd., Ste. 1E, Ft. Wayne, IN 46808
- 890020 Dallas E. Montgomery, R.R. 1, Box 82, Underwood, IN 47177
- 890021 Jonathan Bogart, 1108 Sandy Ln., Monticello, MN 55362
- 890022 Robert N. Rogers, 3030 Reid Rd., Owensboro, KY 42303
- 890023 Chester V. Brown, 112 S. Main St., Eureka, IL 61530

LAND SURVEYOR REGISTRANTS CONTINUED
(1986-1989)

- 890024 Terry W. Weiss, 24392 Edison Rd., South Bend, IN 46628
- 890025 David D. Smith, P.O. Box 109, College Corner, IN 47371
- 890026 David B. Holley, 10 N. Locust, Greencastle, IN 46135
- 890027 Kenneth Jones, 2312 Casspolis St., Elkhart, IN 46514
- 890028 Charles Blake Doriot, P.O. Box 1133, Goshen, IN 46526
- 890029 Douglas Duffy Stradtner, 124 A Vista Dr., Vincennes, IN 47591
- 890030 Brian J. Small, P.O. Box 35, St. Anthony, IN 47575
- 890031 Mark A. Kissel, 33 W. 069 Toni, St. Charles, IL 60174
- 890032 John G. Kamer, 1588 Oak Terrace, St. Joseph, MI 49085
- 890033 Kenneth A. Oakes, 2125 Toledo Rd., Apt. 154, Elkhart, IN 46516
- 890034 Euril Dene Cansler, P.O. Box 528, Madisonville, KY 42431
- 890035 David C. Hanna, 1413 Franklin St., Danville, IL 61832
- 890036 Chester A. Miller, 14669 Power Dam Road, Defiance, OH 43512
- 890037 Michael S. Hall, 504 Elm St., Lawrenceburg, IN 47025
- 890038 Peter Wesson, 319 Indiana St., Porter, IN 46304

* * * * *

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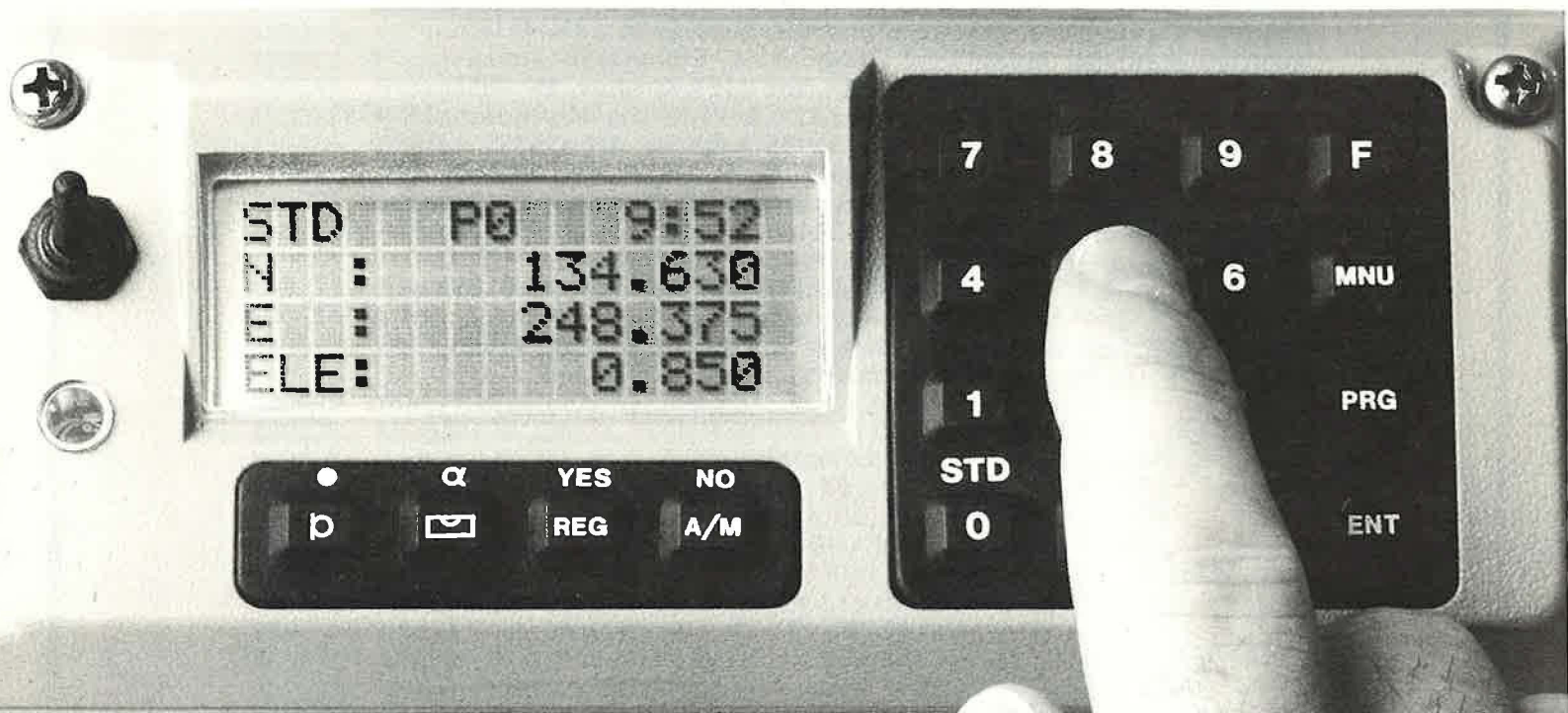


Prof. Art Haase, left, presents Paul James, Leopold, IN, with a scholarship check for \$1000 made possible by the Peggy Archer Memorial Endowment Fund at Vincennes University.



Prof. Art Haase, left, presents Richard Williams, Monroe City, IN with a scholarship check for \$300 made possible by the "Friends of Surveying Technology".

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INDIANA CHAPTER OF SURVEYORS HISTORICAL SOCIETY FORMED

Mainly through the efforts of Roger Woodfill, 1990 ISPLS president, an "Indiana Chapter of the Surveyors Historical Society" was formed January 19, 1990, at the Fort Wayne ISPLS Convention. Indiana members of the national group and several others met, drafted a set of Indiana Chapter By-Laws, and elected officers for 1990. It will be affiliated with both SHS and ISPLS.

The stated purpose of the Chapter is to "enrich the general public by seeking and preserving knowledge and artifacts of the land surveying profession" and "to expand the general public's understanding of history by honoring surveyors who made significant contributions to society; and by perpetuating historic landmarks placed by surveyors."

The Chapter will be governed by a five member board of directors consisting of a president, secretary, and one director from each telephone area code in Indiana. The officers recently elected were:

President: Dan Pusey, West Lafayette
Secretary: Brenda Owens, Indianapolis
Director: E.R. Gray, Hope
Director: Ken Curtis, West Lafayette
Director: Randolph Sexton, Kendallville

Charter members of the Indiana Chapter, SHS, will be members who hold 1990 calendar year memberships in SHS. Those desiring to join should send the membership application form below to:

Surveyors Historical Society
P.O. Box 11154
Lansing, Michigan 48901

MEMBERSHIP APPLICATION

New
 Renewal
 Additional Contribution

NAME _____

Last First Mid.

ADDRESS _____

Number Street

City State Zip

FIRM _____

Name

ADDRESS _____

Number Street

City State Zip

PHONE: Home (____) _____

Off. (____) _____

Please enclose check or money order in U.S. Funds. Dues are payable on January 1, each year. Contributions above amount of dues are helpful in furthering the work of your Society.

LEVEL OF PARTICIPATION DESIRED

Membership only
 Serve on committee(s)
 Serve on Executive Board
 Serve as an Officer
 Serve at Exhibit(s)
 Exhibit own Artifacts
 Other _____

ANNUAL DUES:

<input type="checkbox"/> Student----\$10	<input type="checkbox"/> Sustaining
<input type="checkbox"/> Regular----\$30	<input type="checkbox"/> a. Bronze----\$100
<input type="checkbox"/> Life----\$500	<input type="checkbox"/> b. Silver----\$500
	<input type="checkbox"/> c. Gold----\$1,000

*Please mail to:

Surveyors Historical Society
P.O. Box 11154
Lansing, MI 48901

1990 Application For Membership

Dues for January 1, 1990—December 31, 1990

Criteria:

This application is for concurrent memberships in the American Congress on Surveying and Mapping (ACSM) and a Member Organization. The Member Organizations of ACSM are as follows:

- American Association for Geodetic Surveying (AAGS)
- American Cartographic Association (ACA)
- National Society of Professional Surveyors (NSPS)

Member:

Any person who has attained the required qualifications in surveying, mapping and related fields as specified below:

AAGS—

Bachelor's or higher degree in a discipline related to geodetic surveying with eight years experience. Up to four years of relevant education may be substituted for experience.

ACA—

Bachelor's or higher degree in a field of study which would qualify the person for a professional position in cartography or related fields, or four years of active professional experience in cartography or related fields.

NSPS—

- a) Any person licensed to practice the profession of surveying, according to state or provincial statutes; or
- b) a GS-1373 employee classified as a Land Surveyor or Supervisory Land Surveyor, or
- c) an academian holding a Bachelor's or higher degree and the rank of assistant professor or higher and teaching in an ABET or CAB accredited or a state land surveying registration board approved surveying program; or
- d) a practicing surveyor or a surveying teacher who has attained a minimum of six years experience in responsible charge of surveying activities or four years of education and two years of experience may submit credentials for consideration.

Contributions or gifts to ACSM are not tax deductible as charitable contributions.

Associated Member:

Any person with an interest in surveying, mapping, and related fields, not eligible to be a Member as defined but meeting the criteria stated below:

AAGS/ACA—

Any person with an interest in geodetic surveying/cartography who is not eligible to be a Member.

NSPS—

Any person who by employment is actively engaged in a program leading to a career in the profession of surveying.

Student Member:

Any person pursuing a course of study as a graduate or undergraduate student on a full-time basis (as defined by the academic institution) leading to a career in geodetic surveying (AAGS), cartography (ACA), or surveying (NSPS).

How to Apply:

1. Determine the highest grade of membership for which you are qualified.
2. Determine which Membership Organization you wish to join (in addition to ACSM).
3. Complete the Application for Membership.
4. Return the completed application to:

5410 Grosvenor Lane
Bethesda, MD 20814-2122
(301) 493-0200

Membership dues include subscriptions to *Surveying and Land Information Systems* \$7.50, *ACSM Bulletin* \$11.50, and *Cartography and Geographic Information Systems* \$7.50. This notice is required by U.S. Postal Service regulations. *Cartography and Geographic Information Systems* is provided to members of ACA and *Surveying and Land Information Systems* is provided to members of NSPS and AAGS.

Dues for January 1, 1990—December 31, 1990

Member Organization	ACA	AAGS	NSPS	ACA AAGS	ACA and NSPS	AAGS and NSPS	ACA, AAGS and NSPS
Member	\$95.00	\$95.00	\$115.00	\$105.00	\$125.00	\$125.00	\$135.00
Associate	\$70.00	\$75.00	\$80.00	\$80.00	\$85.00	\$90.00	\$95.00
Student	All Student Member Dues are \$20.00						

Please fill out completely: (incomplete applications will be returned)

Former Member Yes No

Name _____

Home Address: _____

City: _____ State: _____ Zip: _____

Home Telephone: _____
(Area Code)

Work Address: _____

City: _____ State: _____ Zip: _____

Work Telephone: _____
(Area Code)

Education:

High School: _____ College: _____ (Years completed)

Highest Degree: _____

Experience: (Years) _____ Date of Birth: _____

Occupation: _____
(If you are licensed, give type, state and number)

Company's or Organization's Name: _____

Private Business: _____
(Specify type)

Government: _____
(Position Classification)

Education: _____
(Position Title)

Other: _____
(Specify)

If in Government, Education or Other, but also licensed, give type, state and number: _____

Read criteria above, then check membership applied for:

- (Check only one) (You may check more than one, but see instructions)
- Member American Association for Geodetic Surveying
 - Associate American Cartographic Association
 - Student* National Society of Professional Surveyors

ACSM Sponsor's Name (if applicable) _____

Sponsor's Member ID Number _____

Signature of Applicant _____

Date _____

***Applications for Student membership should have the following certificate completed:**

I certify the applicant is a full time student.

Faculty Member Signature _____

Date _____ Educational Institution _____

Payment

Enclose the appropriate payment dues with the application. Make check or money order payable to ACSM (For applicants in foreign countries, please draw and remit U.S. dollars payable in the United States.) or charge to your MasterCard, or VISA.

Payment Enclosed MasterCard VISA

Account Number _____

Expiration Date _____

Signature _____

Date _____

SURVEY TECHNOLOGY

INDOT PART OF MULTI-STATE GPS STUDY

The Indiana Department of Transportation (INDOT) is currently participating in a multi-state study to develop Global Positioning System (GPS) technology for application in the area of transportation planning. The \$500-thousand study is being jointly conducted by 35 states, led by the Ohio Department of Transportation with support from the Ohio State Center for Mapping, the National Aeronautics and Space Administration (NASA), and the Federal Highway Administration.

The purpose of the study is to develop economical methods of acquiring road alignment and road inventory data from the Earth's surface using GPS technology. The study will also provide for the assessment of GPS as a means for accurate location of data for transportation data bases in terms of cost effectiveness, accuracy, and integration into existing systems.

The study will utilize the Navigational Satellite Timing and Range (NAVSTAR) GPS system, a satellite based positioning system currently being deployed by the United States Department of Defense. Once fully deployed, NAVSTAR will utilize 21 operational satellites to provide a global source for accurate data on position and time on a 24 hours a day basis. By mid-1990, information only, with full three dimensional capabilities expected to be available by later 1991. GPS systems such as NAVSTAR are also being used to enter geographic coordinate information into GIS data bases as well as to check the accuracy of these same data bases.

The study will continue work on the use of GPS technology initiated in 1987 between the Tennessee Department of Transportation and Rockwell International. During this first study, a mobile workstation van equipped with a single GPS receiver was able to utilize a coarse acquisition (CA) code like a "cursor on the ground" to acquire road alignment coordinates, achieving accuracy equal to or

exceeding U.S. Geological Survey quadrangle maps at an average speed of 35 miles-per-hour. The new study is expected to develop procedures which will increase this accuracy and better integrate positional information into road inventory system.

For more information on this study, please contact Mr. Steve Smith, Division of Planning and Budget, INDOT, at (317) 232-5473.

Information from Indiana GIS, November 1989

* * * * *

NAME CHANGE

Sol C. Miller, president of Mid States Engineering, Inc., announced last April that his company's name has been changed to MSE Corporation. "The name Mid States no longer gives a realistic geographic scope of our operations," Miller said. "MSE has successfully completed a variety of projects throughout the country and in Europe. We have grown substantially from our beginnings in the Midwest."

Miller started the company in 1960, specializing in land surveying and civil engineering. Since that time, MSE's disciplines have broadened to include digital mapping and landscape architecture.

The efficiency of computer graphics technology, coupled with engineering and mapping expertise, has established MSE as a primary source for the design and development of automated geographic information systems.

Along with the additional disciplines, MSE has expanded into six offices nationwide. MSE is headquartered in downtown Indianapolis and has two regional offices in Indiana. Additionally, there are three branches in Tampa, Florida; Nashville, Tennessee; and Austin, Texas.

COMMITTEE NEWS

Ethics Committee Develops A Procedure on Complaints
by Mike Crawford

The price of freedom is eternal vigilance said our forefathers and so too is the price of maintaining a profession. Our livelihood and reputation depends on assuring that surveying is conducted in an ethical and legal manner. But what can be done when a situation is discovered that indicates someone may be abusing our profession?

The Ethics Committee has sought to answer this question by developing a procedure on complaints. The process begins when the ISPLS receives a complaint requesting action or assistance. Complaints will fall into one of several categories: Non-Registered Land Surveyors, Registered Land Surveyors, and Registered Engineers accused of practicing Land Surveying. A letter and complaint form are sent to the party requesting help and upon return of the form an investigation begins.

A file number is assigned to each case and all original information is placed in a Master File. A complainant can request anonymity, in which case all reference to them is deleted. The Master File will include a yearly table of contents and will be passed to each succeeding Ethics Committee Chairman within 30 days of a new appointment.

If a complaint is filed against a Registered Land Surveyor and it is judged that no serious ethical or administrative rule has been violated the named Surveyor will be notified in writing of the complaint and the impending investigation. The Surveyor will have approximately 30 days to settle the case without an investigation. If settlement is reached letters acknowledging the resolution will be sent to the Surveyor, the complainant, and the Master File, thereby, closing the case.

If, however, no settlement is reached the Chairman appoints an investigator/facilitator to lend unbiased expertise in an effort to reach a resolution of the matter. The investigator/facilitator will attempt to complete his work and find a satisfactory solution in 60 days. It is possible that a settlement acceptable to all parties can not be reached. In that case, a final report is submitted to the Chairman with all documentation to close the file.

The other categories of complaints

involve serious infractions of the administrative rules. In these situations the Chairman appoints an investigator. Within 60 days the investigator will file a report with one of the following recommendations:

- A. There is no sound basis for the complaint and it is recommended the case be closed.
- B. There is some basis for the complaint but adequate evidence to satisfy the Registration Board or the Attorney General's Office is unlikely to be obtained. It is recommended the case be closed.
- C. There appears to be a basis for the complaint, and additional time and/or assistance is requested to gather evidence.
- D. It is recommended that a complaint be filed with the Registration Board or the Attorney General's Office and all supporting information is enclosed.

Upon receiving a recommendation to file a complaint the Chairman will draft such a document for submission to the ISPLS Board of Directors for action.

In the case of complaints against a Registered Land Surveyor the Board of Directors is encouraged to counsel with the surveyor before filing the formal complaint if the apparent offense is deemed correctable.

Policing ourselves or allowing "outsiders" the opportunity to call us to account is a difficult position to take and yet it is in taking the difficult position that a profession grows.

* * * * *

MEMBERSHIP MEETING HIGHLIGHTS

Public Relations Committee: A publication called "Land Surveying in Indiana and the Indiana Survey Standard" has been developed into a 20 minute oral presentation.

Nomination Committee: Pres-Elect - Ross Holloway; New Directors - Jim Dankert, E.R. Gray, and Rollyn Blankenbeker.

ISPLS SURVEYOR COMPLAINT FORM

DATE: _____

SURVEYOR/SURVEYORS INVOLVED:

NAME	ADDRESS	PHONE
------	---------	-------

_____	_____	_____
_____	_____	_____

DETAILS OF COMPLAINT:

(ATTACHMENT IS ACCEPTABLE, PLEASE ENCLOSE A COPY OF ALL SUPPORT DATA.)

PARTIES HAVING KNOWLEDGE OF THIS OR SIMILAR INCIDENTS INVOLVING THE ABOVE SURVEYOR.

(PROVIDE AS MUCH INFORMATION ON THESE PARTIES AS IS KNOWN.)

NAME	ADDRESS	PHONE
------	---------	-------

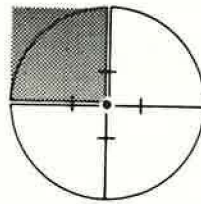
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NAME: _____

ADDRESS: _____

PHONE: _____

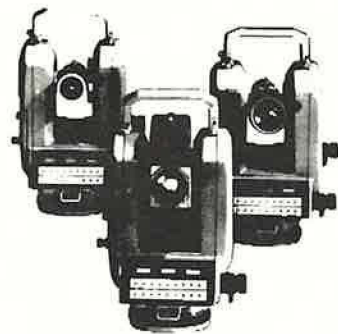
PLEASE MAIL TO ISPLS HEADQUARTERS
55 MONUMENT CIRCLE, SUITE 1222
INDIANAPOLIS, IN 46204
ATTN: ETHICS COMMITTEE CHAIRMAN



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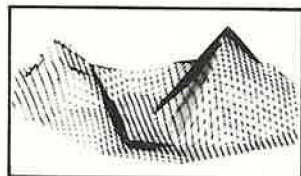
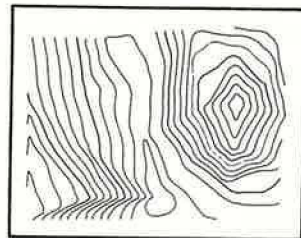


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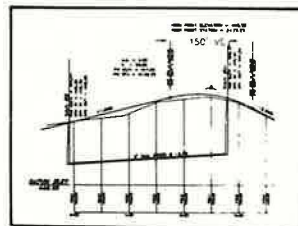
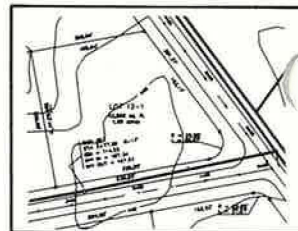
Survey Pac



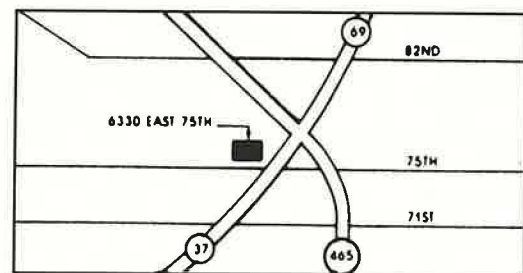
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CHAPTER NEWS

THE COUNTY SURVEYORS CORNER

Northwest Chapter

An election of chapter officers was held at the December 14th meeting of the Northwest Chapter. The officers for the coming year are:

- Richard L. Hudson, President;
- Anthony M. Gregory, Vice-Pres;
- Kevin Breitzke, Sec.-Treasurer
- Kenneth D. Gembala, Director;
- Chester J. Zemniak, Director;
- John Bullock, Director;
- Michael J. Marlow, Immediate Past President.

Also, at the December meeting Mike Marlow gave a follow-up report on acquisition of railroad properties. A brief discussion followed.

The next meeting was scheduled for February 8th in Valparaiso. Future meetings will be held on March 8th, April 12th, and May 10th.

Thought from the Northwest: "Surveying is the link between the concept of title and the reality of ownership."

Central Indiana Chapter

The February 20th meeting of the CIC was held at the Speedway Motel.

Ross Holloway asked that the Chapter act as an ongoing forum for discussion on the acceptance and implementation of the Standards.

Chapter Officers for 1990 are:

- Ross Holloway, President;
- Don Borches, Vice-President;
- Lee Jarvis, Secretary;
- Terry Miller, Treasurer;
- Mike DeBoy, Director;
- Norman Hiselman, Director;
- Roger Fine, Director.

The next Chapter meeting is scheduled for April 18th.

We are interested in letting everyone know what is going on in your part of the state. If your chapter has a newsletter or if you have an item of interest please send it to the Hoosier Surveyor in care of the ISPLS office.

National Group Formed

In May of 1989 the National Association of Counties accepted the charter of a new affiliate - the National Association of County Surveyors (NACS).

The organization seeks to: forward the professional growth of its members, raise the level of service efficiency and character to both the general public and county government, and to support (or propose) legislation beneficial to county government. NACS will pursue these objectives through continuing education programs, conferences and meetings for the exchange of information, and any other available and proper means.

Voting membership is open to all duly elected or appointed County Surveyors provided those seeking membership register for the conference of the National Association of Counties in the year voting membership is sought. Associate membership is available to any surveying organization interested in the programs and problems relating to or of interest to NACS.

The charter membership fee is \$25 for the first year. Membership application and fee can be sent to Nick Floros, Chief Deputy, Salt Lake County Surveyor's Office, 2001 South State Street #N1500, Salt Lake City, Utah 84190-1350.

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Form 6/89

ISPLS APPLICATION FOR MEMBERSHIP

(Type or Print all information - check box for mailing address desired)

NAME _____ AGE _____

Last First Middle

HOME ADDRESS _____ PHONE _____

Street and Number City State County Zip

BUSINESS ADDRESS _____ PHONE _____

Street and Number City State County Zip

PRESENT OCCUPATION _____

Firm Name Position

SCHOOL ATTENDING _____

School Name Grade

Degree You Are Pursuing Expected Month/Year of Graduation

REGISTRATION STATUS _____

L.S., P.E. OR S.I.T. Number State

MEMBER OF AMERICAN CONGRESS ON SURVEYING AND MAPPING? Yes _____ No _____

MEMBER OF LOCAL CHAPTER OF I.S.P.L.S.? Yes _____ No _____ Chapter _____

STATE BRIEFLY REASONS FOR SEEKING MEMBERSHIP _____

TYPE OF MEMBERSHIP DESIRED

- MEMBER.....\$120.00
- JUNIOR.....\$50.00
- ASSOCIATE.....\$50.00
- STUDENT.....\$10.00
- LIFE.....NO CHARGE

ISPLS DUES ARE NOT DEDUCTIBLE AS A CHARITABLE CONTRIBUTION FOR FEDERAL TAX PURPOSES, BUT MAY BE DEDUCTIBLE AS A BUSINESS EXPENSE.

REFERENCES

Name Address Phone

PLEASE FURNISH COMPLETE ADDRESSES, INCLUDING ZIP CODES

I hereby certify the above statements are true and correct and that I will abide by the Constitution and By-Laws of the Indiana Society of Professional Surveyors and will promote and uphold its principles and objectives.

Signature _____

Date _____

MEMBERSHIP CLASSIFICATIONS

Member: A Member of this Corporation shall be limited to Registered Land Surveyors in good standing with the Indiana State Board of Registration. A Member shall be eligible to vote, hold office and to participate fully in the affairs of the Corporation.

Junior: A Junior Membership will be granted to those non-registered individuals who are endeavoring to make Surveying their chosen career. A Junior Member is entitled to vote and participate fully in the affairs of the Corporation but shall not be permitted to hold office.

Associate: An Associate Membership will be granted to any who is associated or affiliated with the Land Surveying profession but is not otherwise pursuing registration. Any non-resident who is registered and in good standing as a Land Surveyor in their own State may also be an Associate Member. An Associate Member is not entitled to vote or hold office but will receive Society correspondence and be invited to participate in meetings.

Student: A Student Member shall have the same eligibility requirements as those of a Junior Member, except that this class of Membership shall apply for a period of four (4) years only. A Student Member is not entitled to vote or hold office but will receive Society correspondence and be invited to participate in meetings.

Life: Any person holding Member Status who has reached the age of 65 and has been a member of this Corporation for at least 20 years and has further been approved by the Board of Directors shall be eligible for Life Membership. Life Members shall not be subject to payment of dues, but shall enjoy all the rights and privileges of full Membership in this Corporation.

**PUBLICATIONS AVAILABLE FROM
ISPLS HEADQUARTERS**

I.S.P.L.S. SURVEYING PUBLICATION SERIES

ORDER FORM

<u>QUANTITY</u>		<u>COST TO MEMBER</u>	<u>COST TO NON-MEMBER</u>
_____	Manual No. 1. <u>The Perpetuation of Corners in Indiana</u> by John G. McEntyre (June 1972). 100 pages.	\$15.00	\$20.00
_____	Manual No. 3. <u>Law and Surveying</u> (including Surveyor's Guide to the use of a Law Library and Indiana Statutes related to Land Surveying). by Darrell R. Dean & John G. McEntyre (January 1990).	\$55.00	\$65.00
_____	Manual No. 6. <u>Establishment of Boundaries by Unwritten Methods</u> by John G. McEntyre (June 1976), 171 pages.	\$15.00	\$20.00
_____	<u>Early Indiana Trails and Surveys</u> by George R. Wilson, E.E., L.L.B.	\$7.95	

\$2.50 POSTAGE TO BE ADDED TO EACH ORDER.

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 Initial Point Chapter ISPLS
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April 12, 1990
 North West Chapter ISPLS
April 18, 1990
 Central Indiana Chapter ISPLS
 Indianapolis, Indiana
April 23-26, 1990
 AM/FM (Automated Mapping/
 Facilities Management) International
 Conference XIII, Baltimore, Maryland
May 1-4, 1990
 U.S. Hydrographic Conference
 Norfolk, Virginia
June 24-29, 1990
 XIIIth North American Surveying
 Teachers Conference
 Banff, Alberta, Canada
August 12-16, 1990
 Urban and Regional Information
 Systems Associations (URISA) Annual
 Conference, Edmonton, Alberta, Canada
November 5-10, 1990
 GIS/LIS '90 and ACSM/ASPRS Fall
 Convention, Anaheim, California
January 16-18, 1991
 39th Annual Convention, Indiana
 Society of Professional Land Surveyors,
 Vincennes, Indiana

* * * * *

SURVEYORS REVIEW COURSE

AUGUST 7-10, 1990. Campus of
 University of Missouri-Rolla (UMR).
 Cosponsored by UMR and Missouri
 Association of Registered Land Surveyors.
 Topics: Exam Preparation, Legal
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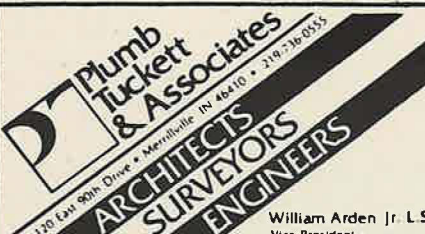
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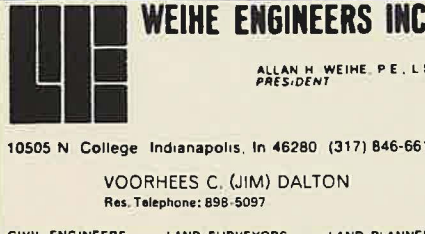
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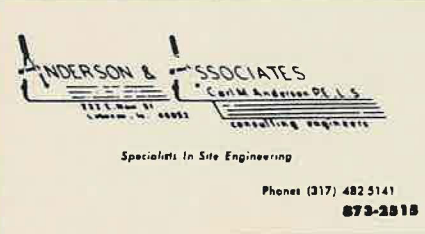
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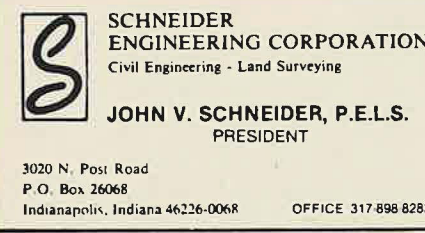

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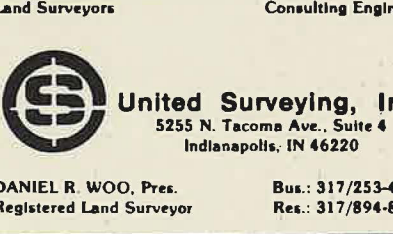
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