

SURVEYOR

HOODSIEER



VOLUME 11
NUMBER 1
WINTER 1984



S. J. Res. 44

Ninety-eighth Congress of the United States of America

AT THE FIRST SESSION

*Begun and held at the City of Washington on Monday, the third day of January,
one thousand nine hundred and eighty-three*

Joint Resolution

To authorize the President to issue a proclamation designating the week beginning on March 11, 1984, as "National Surveyors Week".

Whereas the Congress of the United States recognizes the valuable contributions of the surveying profession to history, development, and quality of life in the United States of America;

Whereas the surveying profession requires special education, training, experience, and knowledge of the principles of mathematics, the related physical and applied sciences, and requirements of law for adequate evidence; and

Whereas, since the early days of our Nation when many of our forefathers, including our first and third Presidents, were surveyors, the profession of surveying has continued to be uniquely qualified to determine and describe land and water boundaries for the management of our natural resources and the protection of private property rights: Now, therefore, be it

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the President is hereby authorized and requested to issue a proclamation designating the week beginning on March 11, 1984, as "National Surveyors Week" and to urge the people of the United States to observe such week with appropriate ceremonies and activities paying tribute to professional surveyors and their contribution to society.

Thomas D. Oniz
Speaker of the House of Representatives.

Coretta Scott King
Vice President of the United States and
President of the Senate.

APPROVED

NOV 30 1983

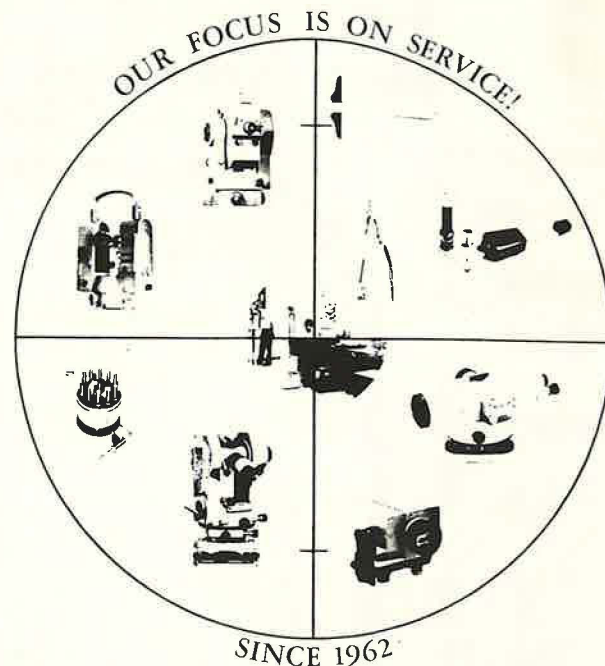
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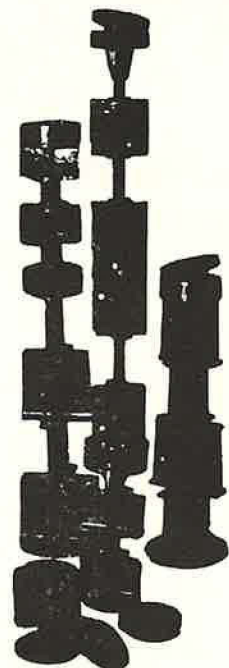


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HOOSIER SURVEYOR

VOLUME 11, NUMBER 1, WINTER 1984

Committee Assignments as of March 21, 1984

STANDING COMMITTEES

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Jacob Hall - President
Robert Bigelow - President-Elect
Gary Kent - Vice-President
Patrick Cunningham - Secretary
Carl Anderson - Treasurer

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Robert Bigelow - Chairman

Chapters

James Morley - Chairman

Continuing Education

David A. Wahlstrom - Chairman

Convention Coordinating

Robert Bigelow - Chairman
Gary R. Kent
Dan Pusey

Sub - Convention 1985

John McNamara - Chairman

Sub - Convention 1986

Jim Morley - Chairman

Sub - ACSM Fall 1985 Convention

Gary R. Kent, Director

Ethics

David Wolf - Chairman
John Whitlock - Vice-Chairman
Jud Rouch

Finance

Carl Anderson - Chairman

Legislative

Pat Cunningham - Chairman

Membership

Joe Blevins - Chairman

Nominating

Wesley Day - Chairman

Publication

Alan Stanley - Chairman

Scholarship

Lee Bender - Chairman

Standards

Charles Budnick - Chairman
Wesley L. Day - Vice Chairman

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Librarian

Ken Curtis

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Gary R. Kent
Roger Woodfill, Assoc. Editor

Special County Surveyor Study

James Morley - Chairman
Bill Andrews
John Fisher
Lee Bender - Alternate

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Philip Thornburg
Garner Willey
Jerry Martin

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John McNamara
Rolyn Blankenbaker

State Board of Registration

Jacob E. Hall - Liaison
Jud Rouch - Alternate

Construction Council

Larry Manning - Representative

NSPS Governor

Gary R. Kent - Chairman
Jud Rouch - Alternate

AD HOC COMMITTEES

L.S. Exam

Wesley Day - Chairman
John V. Schneider - Vice-Chairman
James Dankert

Private Practitioners Committee

Russell Eck
John Gidhart
Orwic Johnson

Summer Family Function 1984

Donn Scotten - Chairman

EDITOR'S NOTE

Deadlines for copy for various planned issues of the *HOOSIER SURVEYOR* are as follows:

Winter issue - January 31 Summer issue - July 31 Spring issue - April 30 Fall issue - October 31. The *HOOSIER SURVEYOR* is composed and reproduced by Marbaugh Engineering Supply Co., Inc., Indianapolis, IN.

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Gary Kent
Editor

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SPRING WORKSHOP

The 1984 ISPLS Spring Workshop is scheduled for May 19th at the Airport Quality Inn in Indianapolis. The workshop will feature Mr. David Scott, from Wisconsin, in a discussion on Technician Certification. Mr. Scott has worked extensively in this area for ACSM. There will be an open discussion following Mr. Scott's presentation. Watch for a mailing soon on this important workshop.

HIGHLIGHTS OF BOARD OF DIRECTORS MEETINGS

November 18, 1983: Room 1021 State Office Building

Attending: Jud Rouch, Jake Hall, Bob Bigelow, Gary Kent, Pat Cunningham, Larry Manning, John Whitlock
Not Attending: Carl Anderson, Lee Bander, Ray Tappan, Al McConahay, Jim Morley
Also Attending: James Dankert, Wes Day, and George Crowder

- ISPLS shall present a proposal to the State Board of Registration with regard to the Land Surveyors Licensing Exam (This proposal was outlined on Page 17 of the Fall 1983 issue of the Hoosier Surveyor-Ed.)
- Meeting recessed at 10:10 am.
- Reconvened at 10:45 am, Room 106, Indianapolis Convention Center. (Jim Morley now in attendance)
- Pres. Rouch attended the Nov. 17 meeting of the St. Joe Valley Chapter of ISPLS. The Chapter presented him with \$50 to cover his expenses, which he designated would be donated to the Purdue scholarship fund.
- Nomination-Tally Committee reported that Bob Bigelow has been elected President-Elect for 1985.
- Discussion on 1984 Tri-State Convention. Projected registrations are 150 Ohio, 75 Indiana, and 75 Kentucky. Executive Committee was empowered to forward the additional \$500 seed money as requested by the Convention Committee.
- A \$7500 Certificate of Deposit has been purchased.
- Motion passed that ISPLS propose to ISPE that ISPLS will pay one half of the cost of ISPE's legislative service.
- Motion passed instructing the Secretary to compose a letter to notify the County Commissioners and County Plan Commission of each county of the Attorney General's opinion and the Warrick County Circuit Court ruling.

January 7, 1984: Room 111, Civil Engineering Building, Purdue University, West Lafayette, Indiana

Attending: Jud Rouch, Jake Hall, Gary Kent, Al McConahay, Carl Anderson, Lee Bender, Jim Morley, John Whitlock
Not Attending: Larry Manning, Bob Bigelow, Pat Cunningham, Ray Tappan
Also Attending: John McNamara, Don Bengel

- Nomination-Tally Committee reports that the newly elected members of the Board are John McNamara, Don Bengel and Rollyn Blankenbeker
- Member Carl Anderson reported that 89½% of the budgeted income has been collected. The breakdown was: 95% of Members, 84% of Juniors, 90% of Associates, 77% of Students, 79% of Firms, and 50% of Sustaining.
- Treasurer McConahay suggested that ISPLS continue with a financial reporting system similar to what Carl Anderson has been providing for the past 6 months.
- To date the Society is within \$32 of the budget for 1983-84.

Highlights (continued)

- Motion passed to continue with the financial reporting system as set up by Carl Anderson. The cost based on the past 6 months performance will be about \$20/ month.
- Convention Coordinating Committee (Bigelow, Kent, Pusey) has been put in charge of the 84 Tri-State Convention on behalf of Indiana.
- Approved St. Joe Chapter's proposal to host the 1985 ISPLS Convention in South Bend.
- The Executive Committee was empowered to make the necessary decisions on legislative matters during this session of the legislature.
- Motion passed setting a fee of \$150 for copies of the ISPLS mailing list. It will be made available without charge to Sustaining Members.

February 16, 1984: Marriott Hotel, Cincinnati, Ohio

Attending: Jud Rouch, Jake Hall, Bob Bigelow,
Gary Kent, Carl Anderson, Larry
Manning, Jim Morley, Lee Bender,
Pat Cunningham, John Whitlock
Not Attending: Al McConahay, Ray Tappan
Also Attending: Rollyn Blankenbeker, Russell
Eck, Don Bengel, Dave Pilz, John
McNamara.

- Motion passed accepting newest ACSM proposal for split of profits on 1985 ACSM/ASP Fall Convention.
- Review of letters received regarding the "County Surveyors' Letter".
- Motion passed accepting Chuck Budnick's resignation as Director of 1985 ACSM/ASP Fall Convention and naming Gary Kent as his replacement.
- Effort on Continuing Education Bill failed when the Speaker of the House refused to put it up for a vote in the House.
- Motion passed adopting the Standards for Property Location Surveys as presented by the Standards Committee.
- Motion passed providing for the organization of a Private Practice Committee of ISPLS.
- The 1985 Convention Committee (ISPLS) has met and selected the South Bend Marriott as the lead hotel. \$500 seed money was advanced to the Committee.
- Motion passed asking ACSM to nominate Jud Rouch for a position on the ACSM Board of Directors.
- Motion passed approving a 7 person committee (3 from ISPLS, 3 from CSA, with Chairman agreed by both groups) to study the questions raised by the "County Surveyors Letter". This is to be conveyed to CSA for its approval.

Organizational Meeting-New Board: Feb. 16, 1984, Marriott Hotel

Attending: Hall, Bigelow, Kent, Cunningham,
Bender, Anderson, Blankenbeker,
McNamara, Manning, Rouch, Bengel.
Not Attending: Tappan

- A unanimous ballot was cast for the following nominees:
Kent(V.P.), Cunningham (Sec.), Anderson (Treas.), Kent (NSPS Gov.)

ISPLS SCHOLARSHIPS - Reasons to Give

As the end of the year approaches, now is the time for ISPLS members to consider donating to the ISPLS Scholarship Fund at the University of their choice (Purdue or Vincennes).

When the facts are analyzed, it can be shown that a \$100.00 donation actually costs only about \$20.00 to give.

The 50% Indiana tax credit for donations to state universities automatically cuts your out-of-pocket expenses in half. The entire donation is then also a deductible expense on your federal tax form. If you are in the 30% tax bracket, then the \$100.00 donation breaks down as follows:

\$100 (initial donation) minus \$50 (Indiana tax credit)
minus \$30 (30% of \$100 donation- deductible expense)
equals an actual cost of \$20.

Consult with your accountant for your particular case. The Indiana tax credit is good up to a maximum credit of \$100.

Our scholarship fund at Purdue allows your donation to be designated to any of the regional campuses.

Those wishing to donate money towards the Scholarship at Vincennes should make their check out to "Vincennes University, Surveying Scholarship Fund" and send them to:

Foundation Office
Vincennes University
Vincennes, Indiana 47591

Those wishing to donate money towards the fund at Purdue should make their checks out to "Purdue University". They should also attach a letter to the check identifying 1) the ISPLS Scholarship Fund and 2) the specific Purdue campus to which they wish their funds be credited. The letter and check should be sent to:

Division of Financial Aids
ATTN: Ann Lyons
Purdue University
West Lafayette, Indiana 47906

These scholarships help some fine students through school and encourage them to become conscientious professionals.

PLEASE GIVE !!

STANDARDS FOR PROPERTY LOCATION SURVEYS

The following 'Standards for Property Location Surveys' were adopted by the Board of Directors of the Indiana Society of Professional Land Surveyors on February 16, 1984.

The Indiana State Board of Registration for Engineers and Land Surveyors was mandated by the Sunset Legislation of several years ago to establish Standards for the Practice of Land Surveying in Indiana. The Board has indicated that it will closely review any standards that ISPLS adopts and recommends to the Board. For this reason, ISPLS has spent several years working on a new set of standards. It is the hope of the Society that the Board of Registration will adopt a set of standards closely in line with what ISPLS recommends. If ISPLS does not make any recommendations, there is a definite possibility that the surveying profession in Indiana will be subjected to a set of standards prepared by persons unfamiliar with land surveying who will not need to practice under them and who do not understand the profession and its unique characteristics.

The following standards represent the culmination of several years work. The Standards Committee of 1983 is to be commended for its diligence in carrying this very important project to its completion. These standards have been compiled from a combination of several other states' standards and have been further modified based on numerous comments from members of the Standards Committee and members of the ISPLS Board.

These Standards were adopted by the ISPLS Board in order that they could be published here for comments by the membership. Our out-of-state readers are also welcome to send in their comments.

Please send your comments
by June 1st to :

ISPLS- Standards Committee
5355 E. 38th Street Suite 209
Indianapolis, Indiana 46218

I PREAMBLE

These Standards merely represent the beginning point for competent Surveying work. A Professional Surveyor can never rely on written Standards as a substitute for individual skill, discretion, and judgement in each specific task he performs. It must be remembered by the Surveyor that these are minimum Standards for property location surveys other than those special purpose surveys covered by Standards previously adopted by ISPLS for land surveys and surveyors location report. Where local or other laws or regulations exist which are more restrictive than these Standards or where given conditions require higher or more restrictive Standards, then those higher or more restrictive Standards shall apply.

Accuracy is a critical consideration in a Survey and is addressed in these Standards; however, monumentation is of equal importance and the Indiana Society of Professional Land Surveyors Inc. recognizes that monumentation is an essential part of adequate survey.

Standards (continued)

Any substantial failure to comply with these Standards or the two aforesaid standards, on the part of a Professional Land Surveyor may constitute gross negligence or incompetence in the practice of Land Surveying by that practitioner.

II DEFINITIONS

The definition of the various survey terms used in these Standards shall be as defined in the publication "Definitions of Surveying and Associated Terms" published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

III MONUMENTATION

Every boundary survey performed in Indiana shall be monumented or witness monumented at all boundary corner locations except those in active construction areas that might be subject to loss or disturbance. Every monument set by a Land Surveyor shall be made of durable material and shall include an element that makes it possible to detect the monument by means of some device for finding ferrous or magnetic objects. All monuments set by a Land Surveyor shall be placed so that the top of the monument is flush with improved surfaces such as lawns, drives, walks, or parking areas and shall bear an identification of the Land Surveyor by his Land Surveyor registration.

Monuments may be any of a large assortment of markers such as iron pipes, concrete, cut stone, cast stone, iron rods or railroad spikes. Wood stakes should not be used as permanent property corners because of their susceptibility to rotting in a short time. Also small rods and railroad spikes are to be used only in such cases in which it is impossible to set more substantial monuments.

The minimum size monument is an iron pipe not less than 1/2 inch in diameter (I.D.) or solid steel rods not less than 5/8 inch in diameter. The monument, when set, shall be solid and free from movement, and shall extend to a point below normal frost line.

IV ACCURACY

The Surveyor will conduct his Boundary Survey in such a manner as to preclude his work becoming a possible source of confusion. This can best be accomplished by conducting the survey with the methods, equipment and the degree of precision which will produce an acceptable level of relative accuracy. The Surveyor shall determine the acceptable level of relative accuracy necessary for each case based on his knowledge of property values, conditions, local regulations and his contractual obligations to the client. However, in no case shall the acceptable level of relative accuracy fall below the following minimum requirements:

Standards (continued)

1. All Boundary Surveys shall be conducted so that the unadjusted mathematical error-of-closure of the actual field traverse, as calculated by latitudes and departures does not exceed 1 part in 5,000 (This standard of accuracy shall become "1 part in 7,500" as of January 1, 1985 and "1 part in 10,000" January 1, 1986.)
2. The angular error-of-closure standard shall be consistent with the unadjusted mathematical error-of-closure of the actual field traverse standard as described above.

As previously stated, the monuments noted and left by the Surveyor constitute the actual survey. Drawings and descriptions are the most frequent written records of the survey given the dignity of publication and recordation.

V DESCRIPTIONS

Descriptions defining land boundaries written for conveyance or other purposes shall be complete, providing definite identification of lines and boundaries. The description must contain dimensions sufficient to enable the description to be platted and retraced and shall describe the Land surveyed by quarter section (Government Lot), section, township, range and county; or by metes and bounds commencing with some corner marked and established in the U.S. Public Land Survey System; or if such land is located in a recorded subdivision or recorded addition thereto, then by the number of that lot, block or subdivision thereof which has been previously tied to a corner marked and established by the U.S. Public Land Survey System. If the parcel is described by metes and bounds it may be referenced to known lot or block corners in recorded subdivisions or additions.

VI RESEARCH AND INVESTIGATION

Every Boundary survey should be made in accordance with the record title boundaries as nearly as is practical. The Surveyor, shall insofar as practical acquire all necessary data, including but not limited to deeds, maps, abstracts to title, section corner ties, subdivision plats, road records, county surveyor's records, section line, and other boundary line locations in the vicinity. The Surveyor shall analyze the data and make a careful determination of the record title boundaries of the property to be surveyed.

Standards (continued)

VII CONDUCT OF SURVEY

The Surveyor shall, under his direct personal supervision, cause a survey to be executed consisting of, but not limited to, the following items:

1. Search thoroughly for all controlling monuments:
2. Search for additional monuments:
 - a) that reference missing control monuments.
 - b) that substantiate control monuments obliterated.
3. Search for real evidence with affects the survey.
4. Obtain possible parol evidence supporting positions of obliterated control monuments and take necessary oaths.
5. Cooperate with appropriate public officials to re-establish lost control monuments.
6. Take references to all Government corners.
7. Take necessary measurements to correlate all found evidence.
8. Take sufficient check measurements to satisfactorily verify the work.
9. Locate possession between adjoiners where relevant and possible age of possession; verify age by parol evidence.
10. Make computations to verify the correctness of measurement and to balance the traverse.
11. Evaluate the evidence.
12. In the event of the discovery of a material (substantial) disagreement with the work of another Surveyor, contact the other Surveyor and investigate the disagreement.
13. Apply the proper theory of location in accordance with statues or precedent, and finalize the establishment of survey corners.
14. Set any final monuments required.

All pertinent information, measurements, and observations made in the field during the course of the survey shall be recorded in an appropriate field note form and in a manner that is intelligible to another Surveyor.

VIII DRAWINGS

All plats of surveys prepared in the State of Indiana must be drawn on durable, dimensionally stable media and contain the following minimum information:

1. The Boundaries of the Land being surveyed shall be drawn accurately to a scale sufficient for clarity.

Standards (continued)

2. Direction and length of each line shall be clearly lettered on the face of the plat. Curved lines must be identified with sufficient curve data to define the curve and its location.
3. The area of the land being surveyed shall be lettered clearly on the face of the plat.
4. Description of all the monuments must be clearly shown on the face of the plat including a notation as to whether found or set.
- 5) Monuments found or established and evidence of possession beyond the surveyed premises on which establishment of the corners of the surveyed premises are dependent.
- 6) Names of roads, and pertinent adjoiner title references must be clearly shown on the face of the plat.
- 7) Encroachments discovered in the course of the survey must be shown by scale and dimension on the face of the plat.
- 8) North arrow, graphic scale, and angles or bearings. When bearings are shown the basis should be indicated.
- 9) Title description and political subdivision of the parcel surveyed. In the event the description and/or the exceptions are too lengthy to include on this map, the preamble described as "a portion of" shall be shown with a reference to the source document. If necessary, to define the location, a vicinity map should be provided.
- 10) A certificate of survey containing the following information must appear on the face of the plat:
 - a) A statement as to the method used to perform the survey. (i.e. random traverse).
 - b) The unadjusted mathematical error-of-closure ratio of the survey traverse.
 - c) A statement as to the basis of the reference meridian used to determine the direction of the survey lines.
 - d) A statement as to whether or not the directions and distances as shown on the plat have been adjusted for closure.
 - e) The signature and registration number of the Surveyor responsible for this survey.
- 11) A statement must appear on the face of the plat listing at whose direction the survey was conducted and the source of the title.
- 12) A title block containing the following:
 - a) Title of the survey.
 - b) Location of the Land being surveyed.
 - c) Scale (written and/or graphic).
 - d) Date of completion of the survey project.
 - e) Name and address of the Surveyor or the Surveying Firm.

HOW WELL DO YOU KNOW YOUR SOCIETY?

Taking things for granted is almost unavoidable in days of intense activity and increased competition for our time and attention. Just to stay on top of vital details and decisions requires utmost concentration-which means that others may slip out of focus. You may think you are abreast of what goes on, but a checkup may prove you're in error. Don't lose touch with your Society. Here is a random probe to show where it stands in your present scheme of values:

- 1) Do you promptly read Society literature when it comes to you?
- 2) Can you name the officers without looking them up?
- 3) Have you attended at least three seminars, conferences or social events in the last year?
- 4) Have you recently commended the Society to fellow surveyors in your firm?
- 5) To your superiors, if any?
- 6) Do you regard dues as an investment, not just a deductible business expense?
- 7) Can you recall your last letter to the Society office?
- 8) Do you regularly send news items or other material to the Society's publication? If not, why not?
- 9) Have you suggested a topic or speaker recently?
- 10) If you serve as a Director or committee member, do you attend meetings and do you do your share of work?
- 11) Have you, in the last six months, invited a non-member to join?

(From The Michigan Surveyor,
Spring 1983)

NSPS ELECTRONIC MAIL

The NSPS has contracted with ITT Dialcom for a five month pilot project to evaluate the uses and effectiveness of electronic mail and related systems.

The initial decision to try electronic communications was made as a result of a meeting of interested persons held during the Salt Lake City convention. The contract for services was signed in mid-October and a system manager was trained.

At a recent meeting of the NSPS EXCOM, representatives from Dialcom presented a demonstration and answered questions relating to specific problem areas of the various members. The EXCOM was able, at that time, to view some of the additional services available through Dialcom. Those services include:

- Official Airline Guide- access to up-to-date airline information listing flight times, fares, etc.
- Executive Calender System- a scheduling system for one or a group of people.
- News- computer access to UPI, API and other major news sources. May be activated to search for "key words".

NSPS members who are using the system feel it has a tremendous potential for the future. If a decision is made to continue, it is possible the service will be available to members at cost. Procedures are being developed.

Any member who is interested in more details about electronic mail or participating in this service is encouraged to seek additional information from Anne Glasgow, NSPS Director of Administrative Services.

National Society of Professional Surveyors, ACSM
210 Little Falls Street
Falls Church, Virginia 22046
(703) 241-2446

NEW SOUTH DAKOTA
SURVEYORS SOCIETY

An organizational meeting to establish a new society was held in Pierre, South Dakota on Dec. 10, 1983 with 22 persons attending.

The name of the organization was selected as the "South Dakota Society of Professional Land Surveyors".

The following officers were elected: Stephen D. Iker of Pierre, President
Larry Holton of Sisseton, Vice-Pres.
Charles Hanson of Sioux Falls, Secretary
Gerald Flannery of Elk Point, Treasurer

The new society has requested affiliation with ACSM and NSPS. James G. Donahue volunteered to be delegate to the NSPS Board of Governors. Jim is a Member of ACSM and NSPS and is a Director of ACSM.

For further information on the South Dakota Society of Professional Land Surveyors, contact the secretary:
Charles M. Hanson
4104 Shellwynn Drive
Sioux Falls, South Dakota
57103

FHA-HUD CERTIFICATIONS

ACSM President Walter Robillard has written the Assistant Secretary of the Department of Housing and Urban Development (HUD) with responsibility for the Federal Housing Administration (FHA) expressing concern for certifications required of surveyors on FHA Form 2457. The form, used for FHA financed dwellings, requires surveyor certifications which may constitute an express warranty deemed an unsurable risk by most professional liability policies. NSPS Professional Liability Committee Chairman Robert Foster will soon meet with FHA officials to discuss revisions to the form.

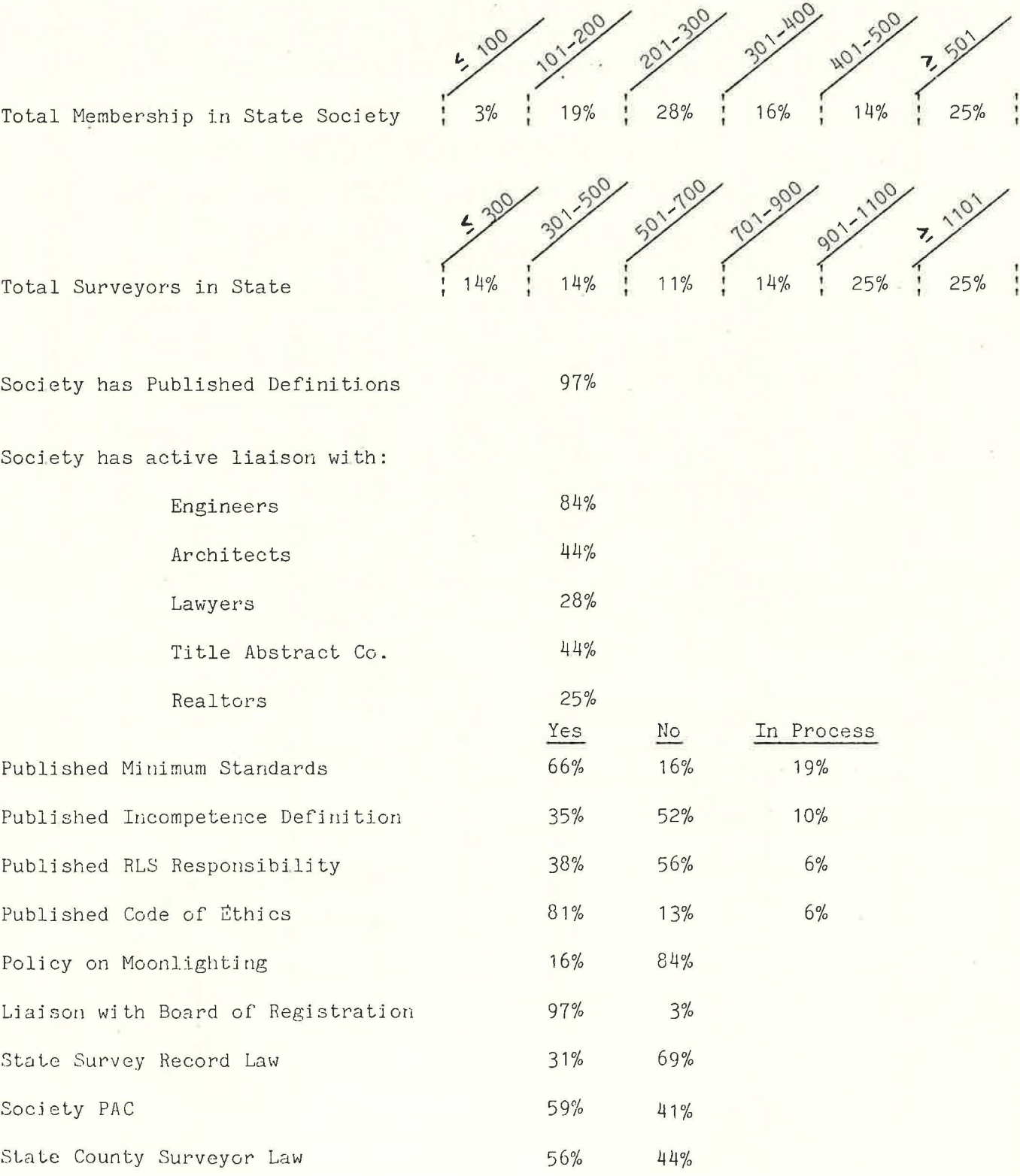
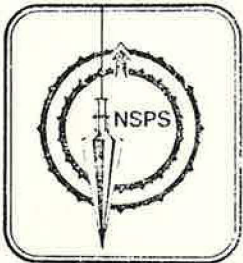
FEDERAL "LAND BOUNDARY
AGENT" PROPOSAL

The Federal Office of Personnel Management has released a draft revision of its position classification standard for federal GS 1973 Land Surveyors and GS 817 Surveying Technicians. The draft standards propose that the technician series be eliminated, with persons in that classification being transferred to other technician-level categories, such as cartography, geodesy, and engineering. OPM also suggested that government Land Surveyors be retitled "Land Boundary Agent". The complex and confusing proposal also reduces educational requirements for entry into the "Land Boundary Agent" series. The Joint Position Classification Committee has prepared a strong letter of protest for President Robillard's transmittal to OPM.

ACSM STAFF CHANGES

ACSM Executive Director John C. Uehlinger announced on January 3rd a change of staff responsibilities to increase management effectiveness. John M. Palatiello has been designated Assistant Executive Director for Public Affairs to include continued assignment as Director of the Joint Government Affairs Program and new responsibilities for the ACSM Public Affairs Program. Marshall W. Davies has been designated Assistant Executive Director for Professional Services which includes continued assignment as Director of the Joint Education Program and new responsibilities for the ACSM Publications Program. ACSM President Walter Robillard said of the changes: "These two highly qualified staff members, with the assignment of their new duties, will provide our members with advances in public relations and more efficient delivery of services."

THE FACTS ABOUT THE AFFILIATE SURVEY*



* Based on the responses of 32 State Affiliate Societies of ACSM-1983.
Thanks to NSPS Director of Administrative Services, Anne Glasgow

NCEE: TABLE OF REGISTERED LAND SURVEYORS

Excerpt from the National Council of Engineering Examiners 1983 Proceedings of the Sixty-Second Meeting of NCEE August 14-17, 1983 in Albany, NY. The source of Appendix A table of registered land surveyors below is from state registration boards. Note that the non-resident (Non.) columns allow for double-counting for those having registration in more than one state.

Appendix A (continued)

NUMBER OF REGISTRATIONS BY STATES - 1983

State	ENGINEERS		LAND SURVEYORS		ENGRS. & L. S.	
	Res.	Non.	Res.	Non.	Res.	Non.
Alabama	4,629	4,801	479	153	463	133
Alaska	914	1,284	295	146		
Arizona	7,251		814			
Arkansas	1,385	2,223	532	255	148	41
California	64,045	23,437	2,734		409	160
Colorado	7,376	6,161	666	344		
Connecticut	5,635		473		345	
Delaware (PE)	1,402	2,046				
Delaware (LS)			71	94		
D. C.	3,627					
Florida (PE)	9,094	8,294				
Florida (LS)			1,760	344		
Georgia	8,600		1,200			
Guam	87	239	20	16	0	0
Hawaii	2,006	989	179	3		
Idaho	1,317	1,760	150	290	374	144
Illinois (PE)	12,710	7,098				
Illinois (SE)	1,159	1,019				
Illinois (LS)			878	256		
Indiana	4,333	5,600	270	149	603	206
Iowa	2,069	2,706	145	72	216	94
Kansas	4,000	2,000	500	100	150	50
Kentucky	4,730	3,154	514	227	998	319
Louisiana	5,527	6,156	213	65	1,305	1,397
Maine (PE)	1,252	2,024				
Maine (LS)			810	207		
Maryland (PE)	8,793					
Maryland (LS)			883			
Massachusetts	24,000		2,000			
Michigan (PE)	14,640					
Michigan (LS)			961			
Minnesota	4,469	2,294	243	27	107	7
Mississippi	2,057	3,642	281	234	171	44
Missouri	7,220	5,861	796	370		
Montana	705	1,570	151	105	123	93
Nebraska (PE)	1,764	1,955				
Nebraska (LS)			191	95		
Nevada	812	2,967	163	447	96	85
New Hampshire (PE)	1,445	2,515				
New Hampshire (LS)			309	192		
New Jersey	9,048	6,826	762	191	486	129
New Mexico	4,998		487		514	
New York	14,238	7,861	1,347	183		
North Carolina	4,196	4,095	1,680	364		
North Dakota	496	1,166	101	109	115	62
Ohio	15,971	12,360	1,164	303	1,430	441
Oklahoma	4,834	4,489	540	76	258	50
Oregon	3,313	3,417	616	261	456	168
Pennsylvania	16,490	10,933	2,991	707		
Puerto Rico	6,028	323	497	11		
Rhode Island	785	1,648	95	182		
South Carolina	2,554	3,347	397	255	210	77
South Dakota	501	1,073	54	121	144	61
Tennessee (PE)	5,324	3,994				
Tennessee (LS)			1,281	266		
Texas (PE)	29,957	9,627				
Texas (LS)			3,505			
Utah	1,736	1,856	305	190	123	61
Vermont (PE)	684	1,962				
Vermont (LS)			305	183		
Virginia	11,035		880			
Virgin Islands	52	25	20		1	
Washington	7,999	4,483	673	189	313	83
West Virginia (PE)	1,824	3,484				
West Virginia (LS)			430	275		
Wisconsin	8,010	5,961	953	253		
Wyoming	736	2,497	183	227	215	201

Data as of June 1983

STATE OF INDIANA

EXECUTIVE DEPARTMENT
INDIANAPOLIS

PROCLAMATION

Executive Order

To ALL To WHOM THESE PRESENTS MAY COME, GREETING:

WHEREAS, the need for a survey of land has been important to civilization for many centuries; for according to the Old Testament, the first survey of that small country which has held a large place in history, the area known to us as "The Holy Land" was ordered by the Israelite commander and successor to Moses, Joshua; and

WHEREAS, historically, the citizens of Indiana have recognized the value of calculations of the land surveyor to the orderly development and growth of our Hoosier state and to their importance to our property tax based system and the Constitution (Art. 6, Sec. 2) provides for the office of County Surveyor; and

WHEREAS, by upholding high ethical and technical standards, surveyors have demonstrated appreciation for the citizens' trust, and have independently and largely without public assistance, sought to improve and update their profession; and

WHEREAS, through special education, training, experience and knowledge of the principles of mathematics, the related physical and applied sciences, and requirements of law for adequate evidence, surveyors are uniquely qualified and licensed to determine and describe land and water boundaries for the management of our natural resources and protection of private property rights; and

WHEREAS, President Reagan has signed into law a resolution of the Congress of the United States authorizing the proclamation of the week beginning on March 11, 1984, as "National Surveyor's Week";

NOW, THEREFORE, I, Robert D. Orr, Governor of the State of Indiana, do hereby proclaim the week of March 11 - 17, 1984, as

SURVEYOR'S WEEK

in the State of Indiana, and urge all citizens to recognize and honor the importance of the role of the surveyor to our state and nation.



IN TESTIMONY WHEREOF, I have hereunto set my hand and caused to be affixed, the great seal of the State of Indiana, at the Capitol, in the city of Indianapolis, this 1st day of March, 1984.

BY THE GOVERNOR

Edwin J. Simcox
Edwin J. Simcox
Secretary of State

Robert D. Orr
ROBERT D. ORR
Governor of Indiana

CALENDAR

May 19, 1984	ISPLS Spring Workshop-Indianapolis
September 9-14, 1984	ASP/ACSM Fall Convention- San Antonio
January 1985	ISPLS Convention-South Bend
September 8-13, 1985	ACSM/ASP Fall Convention-Indianapolis

ANNOUNCEMENTS

ISPLS welcomes its newest members: John R. Kurtz (Junior), Robert E. Dillon, Jr. (Member), Richard H. Miller (Junior), Marvin F. Fouty (Member), James O. Freese (Life), Surv-KAP (Sustaining), Peter P. Massa (Member), Bradley R. Bender (Junior).

Your new ISPLS Officers are: President Jacob Hall (Indianapolis), President-Elect Robert Bigelow (Merrillville), Vice-President Gary Kent (Indianapolis), Secretary Patrick Cunningham (Lafayette), Treasurer Carl Anderson (Lebanon).

Best wishes to Ray Tappan, Director, whose recent illness has prevented him from attending several Board meetings and the Cincinnati Convention.

Congratulations to Dr. John G. McEntyre for receiving the ISPLS Bridge award in Cincinnati and the ACSM Earle J. Fennell Award in Washington . The Fennell Award, established in honor of Earle J. Fennell, president of ACSM in 1966-67 and executive director in 1968-71, is presented each year to an individual in recognition of distinguished personal contributions as an educator to the surveying and mapping profession, to the Congress or to the objectives of continuing education. The award also recognizes a sustained record of performance in education extending over at least 10 years at the local, state or national levels.

HOOSIER SURVEYOR AD RATES

	Sustaining Member	Non-Sustaining Member
Full Page	\$ 80.00/issue \$240.00/4 issues	\$100.00/issue \$320.00/4 issues
Half Page	\$ 50.00/issue \$150.00/4 issues	\$ 60.00/issue \$200.00/4 issues
Quarter Page	\$ 40.00/issue \$120.00/4 issues	\$ 50.00/issue \$160.00/4 issues
Eighth Page	\$ 30.00/issue \$ 90.00/4 issues	\$ 35.00/issue \$120.00/4 issues

Classifieds: \$5.00 per column inch.

See page one (1) of this issue for publication deadlines and mailing address.

1984 TRI-STATE CONVENTION HIGHLIGHTS

Those who attended the Tri-State Convention at Cincinnati found an excellent technical program, enjoyable social events and a larger than expected turnout. Over 60 walk-ins contributed to an already large pre-registration resulting in a total registration of over 400 persons. The technical sessions were very well attended with the professional liability and satellite surveying presentations drawing particular interest.

The Friday night luau was attended by over 300 persons who were treated to exceptional cuisine and a spectacular show put on by native Hawaiians.

Dr. John McEntyre received the coveted Bridge Award at the Friday luncheon and Gary Kent was presented with a Presidential citation by ISPLS President Jud Rouch. ACSM President Walter Robillard spoke at the Thursday luncheon as a special guest of the convention.

If you attended, you know what to expect next year in South Bend, and if you missed it, be sure to join us next time!



Dr. John McEntyre receives the Bridge Award from President Jud Rouch



ACSM President Walt Robillard and Michigan Society President Clay Adams



The Annual Meeting was well attended with numerous society matters discussed and voted on.



President Jud Rouch presented Gary Kent with a Presidential Citation

1984 ANNUAL MEETING NOTES

The Annual Meeting brought extensive discussions on a variety of society matters. The Board of Directors was instructed by the membership to once again pursue the passage of a continuing education bill in the state legislature. A resolution was passed by a large majority providing that the Board shall continue to act in the interests of the Society without asking for constant and direct input by the general membership at annual meetings. The society was pronounced to be in good financial condition. The promotional slide program, which has been in the works for several years has been completed and was presented after the meeting.

CONTINUING EDUCATION: A Letter

VESTER & ASSOCIATES, INC.

128 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901

PATRICK N. CUNNINGHAM, R.L.S.
PRESIDENT

TELEPHONE
(317) 742-8479

January 26, 1984

Senator William C. Dunbar
Indiana State Capitol
Senate Chambers
Indianapolis, Indiana 46204

SUBJECT: A BILL FOR AN ACT TO AMEND THE INDIANA CODE
CONCERNING PROFESSIONAL LAND SURVEYORS
(Presently known as House Bill 1347)

Dear Senator Dunbar:

On behalf of The Indiana Society of Professional Land Surveyors, Inc. I wish to thank you for sponsoring our proposed legislation for the requirement of continuing education for Professional Land Surveyors.

The following is a brief outline as to the need for subject legislation:

- I. Many practicing licensed land surveyors in the State of Indiana have not kept up to date with the ever changing aspects of the surveying profession.
 - A. The technical aspects of surveying have changed dramatically in the past decade.
 1. We are now using electrical measuring equipment, laser equipment, theodolites, satellite receivers, sophisticated computers and computer programs when taking measurements and analyzing data.
 - B. The legal aspects of land surveying are changing from year to year.
 1. Court decisions are being made that change the weight of authority that a surveyor might put on a particular piece of evidence which he uses to determine the relocation of a boundary corner.

Patrick N. Cunningham to
Senator William C. Dunbar
Page 2

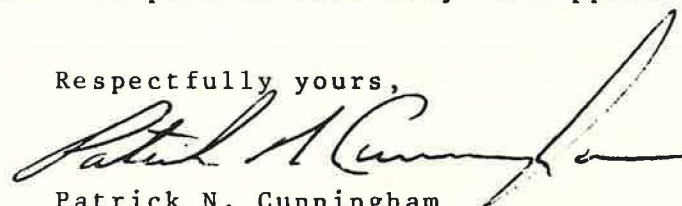
- II. Many practicing licensed land surveyors have not realized the need for better accuracies in the work which they are performing.
 - A. Land values have increased dramatically over the past decade.
 1. A few years ago if a surveyor were off in his measurements by a foot or two in a rural area, the damage incurred by a client (the public) was of little significance.
 2. Today a small error in measurement or acreage computations can cost a client (the public) thousands of dollars.
 - B. Today high density development is taking place in areas that used to be considered rural.
 1. The incorrect placement of a boundary line or the incorrect staking of a building can cost a client (the public) literally hundreds of thousands of dollars.
- III. The profession of land surveying is one of the most misunderstood professions in the world today.
 - A. The surveying profession is not even understood by attorneys, abstractors and realtors who deal with surveyors daily, let alone the public in general.
 1. Therefore, the public is at the mercy of the practicing surveyor and his capabilities.
 2. Many bad court decisions are handed down based on evidence provided by unqualified and poorly educated surveyors.

In conclusion, the surveying profession needs this legislation to help upgrade our profession and protect the unsuspecting public from licensed surveyors who might not be qualified to perform surveying tasks with the accuracy and knowledge that is needed in today's ever changing times.

It is not the intent of this legislation to rid the surveying profession of certain unqualified licensed surveyors, but to force these surveyors and surveyors in the future to update their knowledge and to be aware of the ever changing aspects of the land surveying profession.

Please have your office inform Jake Hall, Gary Kent or myself
as to when this bill will come before the Senate Committee.
In turn, we will be there to provide testimony in support of
this bill.

Respectfully yours,



Patrick N. Cunningham
Member of Board of Directors of ISPLS
Chairman of Legislative Committee of ISPLS

PNC/mc

cc: Jud Rouch
President of ISPLS
4309 McClellan Lane
West Lafayette, Indiana 47906
Work phone: (317) 494-2182

Jacob Hall
President Elect of ISPLS
5332 North Temple Avenue
Indianapolis, Indiana 46220
Work phone: (317) 253-1533

Gary Kent
Member of the Board of Directors of ISPLS
9501 North College Avenue
Indianapolis, Indiana 46240
Work phone: (317) 898-8282

Senator Louis J. Mahern, Jr.
Indiana State Capitol
Senate Chambers
Indianapolis, Indiana 46204

HOUSE BILL 1347

40

INTRODUCED BY
Repr. Mark Mangus

read first time and
referred:

DIGEST

Amends IC 25-31-1 to require professional land surveyors to fulfill continuing
education requirements as a condition of registration certificate renewal.
Effective September 1, 1984.

A BILL FOR AN ACT to amend the Indiana Code concerning professional land
surveyors.

Be it enacted by the General Assembly of the State of Indiana:

- 1 SECTION 1. IC 25-31-1-2, as amended by P.L.222-1981, SECTION 229, is amended
2 to read as follows: Sec. 2. As used in this chapter:
3 (a) "Board" means the state board of registration for professional engineers
4 and land surveyors.
5 (b) "Professional engineer" means any person who, by reason of his special
6 knowledge of the mathematical and physical sciences and the principles and methods
7 of engineering analysis and design which are acquired by education and practical
8 experience, is qualified to engage in the practice of engineering as attested by
9 his registration as a professional engineer.
10 (c) "Engineer-in-training" means a person:
11 (1) who is a graduate in an approved engineering curriculum of four (4) years
12 or more, or who has acquired, through engineering education and experience in
13 engineering work, knowledge and skill approximating that obtained by
14 graduation in an approved engineering curriculum of four (4) years or more;
15 and
16 (2) who, in addition, has successfully passed an examination as prescribed in
17 subsection (e) of section 14(c) of this chapter, and to whom there shall
18 have been issued by the board as hereinafter defined, an appropriate
19 certificate of enrollment enrollment as an engineer-in-training.

20 (d) "Practice of engineering" means any professional service, or creative work,
21 requiring engineering education, training, and experience, and requiring the
22 application of special knowledge of the mathematical, physical, and engineering
23 sciences to such professional services, or creative work, such as consultation,
24 investigation, evaluation, planning, design, and supervision of construction for
25 the purpose of assuring compliance with specifications and designs, in connection
26 with any public or private utilities, structures, buildings, machines, equipment,
27 processes, works, or projects. The term "practice of engineering" shall not
28 include the work ordinarily performed by persons who operate or maintain machinery
29 or equipment.

1 (e) "Land surveyor" means a person who, by reason of his special knowledge of
2 mathematics and surveying principles and methods which are acquired by education
3 and practical experience, is qualified to engage in the practice of land surveying
4 as herein defined, as attested by his registration as a land surveyor.

5 (f) "Land-surveyor-in-training" means a person:

6 (1) who is a graduate in an approved surveying curriculum of four (4) years
7 or more, or who has acquired, through surveying education and experience in
8 surveying work, knowledge and skill approximating that obtained by graduation
9 in an approved surveying curriculum of four (4) years or more; and

10 (2) who, in addition, has successfully passed an examination as prescribed
11 subsection (d) of section 14 (d) of this chapter, and to whom there shall
12 have been issued by the board as hereinafter defined, an appropriate
13 certificate of ~~enrollment~~ enrollment as a land-surveyor-in-training.

14 (g) "Practice of land surveying" means the establishment or reestablishment of
15 corners, boundaries, and locations of lots, parcels, tracts or divisions of land,
16 including distances, directions, and acreage, and including, but not limited to,
17 the correct determination and description of the same for any of the following
18 purposes:

19 (1) To furnish a legal description of any land surveyed to be used in the
20 preparation of deeds of conveyance.

21 (2) To furnish a legal description of any land surveyed to be used in the
22 platting or subdividing of said land.

23 (3) To determine the amount of acreage contained in any land surveyed.

24 (4) To furnish a topographic plat of a lot, parcel, tract or division of land
25 or

26 (5) To prepare a legal description of any tract of land, to be used in
27 preparation of deeds of conveyance except:

28 (i) when the description is the same as the one in the deed of conveyance
29 to the current owner; or
30 (ii) when bearings, distances, or measurements are not needed to properly
31 describe the tract being conveyed.

32 (h) "Practice of land surveying" includes for and within subdivisions being
33 laid out or having been laid out by the land surveyor, the preparation and
34 furnishing of plats, plans, and profiles for roads, storm drainage, sanitary sewer
35 extensions, and the location of residences or dwellings where such work involves
36 the use and application of standards prescribed by local, state, or federal
37 authorities, and shall also include the necessary staking and layout work to
38 construct said roads, storm drainage, sanitary sewer extensions, or location of
39 residences or dwellings where the plans and profiles were prepared by or under the
40 direction of a land surveyor as defined in this chapter. It also includes
41 preliminary surveys for preparation of plans for engineering and building
42 construction projects and the staking out of the same from plans prepared by a
43 registered professional engineer or by a registered architect. It also includes all
44 work incidental to cleaning out, reconstruction, or maintaining existing open and
45 tile drains. This shall not be construed so as to permit the land surveyor to
46 include the design and construction of sewage disposal stations, lift stations,
commercial buildings, pumping stations, or bridges or to prepare engineering plans
48 for the construction of engineering projects. The term "practice of land
1 surveying" shall not be construed as to prohibit a registered professional engineer
2 from doing any work defined herein which does not involve the location,
3 description, establishment, or reestablishment of property corners or property
4 lines.

5 (i) "Approved engineering curriculum" means an engineering curriculum of four
6 (4) years or more that has been approved by the board. In approving such
7 engineering curriculum the board may take into consideration the standards of
8 accreditation adopted by the accreditation board for engineering and technology.

9 (j) "Approved land surveying curriculum" means a land surveying curriculum of
10 four (4) years or more that has been approved by the board.

11 (k) "Practice or offer to practice engineering or land surveying" means the act
12 of any person:

13 (1) who by verbal claim, sign, advertisement, letterhead, card, or telephone
14 listing, or in any other way, represents himself to be a professional engineer
or land surveyor; or

15 (2) who performs, or offers to perform, any acts or work involving the
16 practice of engineering or land surveying.
17

17 practice of engineering or land surveying.

18 (l) "Service bureau" means the regulated occupations and professions
19 service bureau under IC 25-1-6.

20 (m) "Continuing education" means education of a licensee for the purpose
21 maintaining, improving, or expanding skills and knowledge, which may be obtained by
22 participation in informal or formal education practices, approved by the board,
23 such as self-study, research, or participation in professional, technical, and
24 occupational societies.

25 SECTION 2. IC 25-31-1-17 is amended to read as follows: Sec. 17. (a) The
26 biennial period for which renewals are to be made shall extend from the first day
27 of August of an even numbered year to the last day of July of the next even
28 numbered year.

29 (b) A new registrant whose certificate bears a date during the first twelve
30 (12) months of a biennial renewal period shall be required to pay one-half (1/2) of
31 the biennial renewal fee, as ~~herein~~ prescribed in this chapter, in addition to
32 and at the time of the payment of the certificate fee to validate the certificate
33 for the last twelve (12) months of such biennial renewal period.

34 (c) All certificates of registration for professional engineers shall expire
35 on the last day of July in each even numbered year and shall be invalid from that
36 date, unless renewed. It shall be the duty of the secretary of the board to send
37 renewal bill notice by mail to every person registered and in good standing
38 ~~hereunder~~ under this chapter and to those holding invalid certificates who are
39 delinquent not more than two (2) years. Such notice shall show the date on or
40 before which renewal shall be effected and the amount of required renewal fee and
41 delinquent fee, if any, to validate the certificate for the succeeding biennial
42 period. The renewal fee and delinquent fee ~~herein~~ prescribed in this chapter
43 shall be determined by the board in its official rules. and ~~regulations~~.

44 (d) The renewal bill notice shall be mailed at least on or before the first day
45 of July of each even numbered year to the last address which the registrant has
46 provided to the board, and failure to receive the notice shall not relieve the
47 registrant from his obligation to pay at any time during the month of July of such
48 even numbered year.

1 (e) The failure on the part of any registrant to renew his certificate, as
2 ~~herein~~ required in this chapter, shall not deprive the registrant of the right of
3 renewal until his certificate shall have remained invalid during two (2) biennial
4 renewal periods, after which time further renewal shall be denied.

5 (f) All certificates of registration for professional land surveyors expire on
6 the last day of July in each even-numbered year and shall be invalid from that
7 date, unless renewed. A certificate of registration may be renewed by the board if
8 the registrant has paid the fee required under this section and has completed the
9 continuing education requirements established by the board under section 7 of this
10 chapter. The secretary of the board shall send a renewal bill notice by mail to
11 every person registered and in good standing under this chapter and to those
12 holding invalid certificates who are delinquent not more than two (2) years. The
13 notice must show the date on or before which renewal must be effected and the
14 amount of required renewal fee and delinquent fee, if any, to validate the
15 certificate for the succeeding biennial period. The renewal fee and delinquent fee
16 prescribed in this chapter shall be determined by the board in its official rules.

If the above proposed legislation is enacted, the Legislative Committee recommends the following amendments to the Rules of the Indiana State Board of Registration for Professional Engineers and Land Surveyors:

1. Amend Rule No. 8 by creating a new Section 2 which will read as follows:

Section 2: The board has adopted the following to clarify and implement the verification by the board of a registered land surveyor's demonstration of continuing education in accordance with I.C. 25-31-1-17 subsection (d).

- (a) Renewal of certificates will require all registered land surveyors to show proof to the board of receipt of eighteen (18) professional development credits within the biennial period preceeding the renewal notice.
- (b) Three (3) professional development credits can be received by registered land surveyors in each of the following prescribed methods:
 - (i) Membership in a state or national professional surveying society that has been recognized by this board.
 - (ii) Attendance of the annual meeting of a recognized society.
 - (iii) Attendance of the annual convention of a recognized society.
 - (iv) Attendance of a workshop or seminar sponsored or accredited by a recognized society.
 - (v) Serving as an officer, member of a major committee or task group in a recognized society.

- (vi) Successful completion of an approved continuing education course.
 - (vii) Practicing land surveying as a full time occupation.
 - (viii) Teaching surveying courses as a full time profession in an approved land surveying curriculum.
- (c) Proof of receipt of professional development credits may consist of the following:
- (i) A letter or official documentation from a recognized society verifying the registered land surveyors participation in any of the recognized society's functions for which professional development credits are awarded by this board.
 - (ii) A letter or official documentation from the school or official body, responsible for the implementation of a continuing education course, verifying the registered land surveyors successful completion of said course.
 - (iii) A letter or official documentation from the employer of a registered land surveyor verifying the surveyors employment in the practice of land surveying as a full time occupation.
 - (iv) A letter or official documentation from the employer of a registered land surveyor verifying the surveyors employment as a full time teacher in an approved land surveying curriculum.
- (d) Proof of receipt of professional development credits will be submitted by registered land surveyors at the time of the surveyor's submittal of renewal fees.
- (e) A statement advising registered land surveyors of the requirement of proof of receipt of professional development credits will be included in all renewal notices.
- (f) Registered land surveyors who have failed to acquire the required professional development credits necessary for biennial renewal of certificate may apply for registration as a land surveyor as provided in I.C. 25-31-1-13 and will be required to take Part II of the examination required of applicants for registrations as a professional land surveyor as provided in I.C. 25-31-1-14.

Respectfully submitted,

Patrick N. Cunningham
Chairman

ACSM GROUP LIFE INSURANCE

TO: NSPS Board of Governors
 FROM: James F. Aylward PLS, PE
 SUBJECT: Group Term Life Insurance
 DATE: March 5, 1984

Current ACSM membership stands at 10,027 (12/31/83). Only 780 of these members are taking advantage of the Group Term Life Insurance Program.

While Life Insurance is a subject that most of us would prefer not to discuss at any time in any place, this program is worth your investigation. Several years ago, during a period when my sales resistance was low, I allowed a typical high pressure Insurance salesman to analyze my insurance needs. To no one's surprise he was amazed by my inadequate insurance protection and was prepared to offer me a comprehensive plan to suite my needs and budget. Fortunately for me, between the time I agreed to the appointment and the time of his arrival I received an advertising concerning ACSM Group Term Life Insurance. When I showed him the rates he packed up his papers and left, never to be heard from again. Each time I am approached by a Life Insurance Salesman I say "Group Term" and they hang up.

The rate structure is based on your age and the amount of insurance you want. At age 30 you pay \$10.00 every six months for each \$15,000.00 insurance. As you age the rates increase:

30 to 35.....	\$ 11.65
35 to 40.....	\$ 16.00
40 to 45.....	\$ 25.00
45 to 50.....	\$ 40.50
50 to 55.....	\$ 63.00
55 to 60.....	\$ 97.00
60 to 80.....	\$105.00

The idea is that you can carry higher amounts of insurance at lower ages when your family and business needs are greatest. As you grow older and your financial responsibilities change you can reduce your coverage.

For the past several years the experience credit has almost offset the second yearly premium. The program administrators review the group annually and determine the cost of paying benefits. When the experience record is favorable the premiums for the second half of each year are reduced.

While I am not an insurance expert and I certainly would not suggest that this is for everyone and I do not believe that this vehicle is the only insurance program you should have, I do believe that this program is one benefit offered to ACSM members that needs to be evaluated.

I am sure that the program administrators would be glad to answer any questions you might have.

Call them at 800-424-9883.

NELSON L. PRALL, P. E. & L. S.
- ATTORNEY AT LAW -
CIVIL ENGINEERING AND LAND SURVEYOR
Indiana Professional Engineers License No. 2559
Indiana Professional Land Surveyor License No. 10,234

NOV 23 1983

November 21, 1983

TO: I.S.P.L.S.
5355 East 38th Street
Suite 209
Indianapolis, Indiana 46218

The meeting of the I.H.L.Inc. was held at Paoli, Indiana on Saturday afternoon, November 19, 1983.

Present were, Garner Willey of I.S.P.L.S.
Phillip Thornburg of I.S.P.L.S.
Nelson L. Prall of I.S.P.L.S.
Rollyn H. Blankenbeker of C.S.A.
Bruce Atkinson of C.S.A.

Officers elected for 1984 were,

President, Rollyn H. Blankenbeker,
Vice-President, Bruce Atkinson,
Secretary, Nelson L. Prall,
Treasurer, Gene Darnall.

Sincerely,

Nelson L. Prall

NLP/bp

c.c: Rollyn H. Blankenbeker

(The following is from the official publication of the Florida Board of Professional Land Surveyors, Ed.)

Board of PROFESSIONAL LAND SURVEYORS

(The Hoosier Surveyor opted to delete names and L.S. numbers)



NEWSLETTER
November, 1983

Disciplinary Actions

The Board has taken disciplinary action concerning the following licensees. Although every effort is made to ensure that the information is correct, before making any specific decision based upon this information, you should check with the Board office to assure accuracy. The listing may not reflect a change occurring near or following the publication date. Further, the listing does not reflect pending appeals or requests for rehearings. Each order is listed as follows with the name, the address, the violation, and the action taken.

June 1982

~~██████████~~ (LS ~~██████~~), Bradenton, FL: Violation of Florida Statute 472.033 (1) (g); negligence, incompetence in preparation of recorded plat. Fined \$1000, restitution of \$2000, quarterly reports to Board, and five year probation.

July 1982

~~██████████~~ (LS ~~██████~~), Jacksonville, FL: Violation of Florida Statute 472.033 (1) (g); negligence and incompetency in preparation of survey. Reprimand and restitution of \$145.

August 27, 1982

~~██████████~~ (LS ~~██████~~), Winter Park, FL: Violation of Florida Statute 472.033 (1) (g); gross negligence, failed to disclose a 10' fence encroachment. Reprimand, fine of \$750, two year probation and work reviewed every six months.

~~██████████~~ (LS ~~██████~~), Satellite Beach, FL: Violation of Florida Statute 472.033 (1) (g); negligence, incompetency, signed and sealed documents not prepared under his supervision, direction or control. Reprimand and \$500 fine.

November 5, 1982

~~██████████~~ (LS ~~██████~~), Apopka, FL: Violation of Florida Statute 472.033 (1) (a) (g) (h); negligence, failure to set or identify PRM's in accordance with Minimum Standards. Fined \$700, one year probation and review of work every six months.

~~██████████~~ (LS ~~██████~~), Daytona Beach, FL: Violation of Florida Statute 472.033 (1) (g); negligence and incompetency; did not show type of survey, angles or corners in accordance with Minimum Standards. Fined \$400, one year probation with review of work every six months.

January 1983

~~██████████~~ (LS ~~██████~~), Bradenton, FL: Violation of Florida Statute 472.033 (1) (e) & (g); negligence and incompetency. Default, survey did not meet standards, gross errors on surveys. License revoked.

~~██████████~~ (LS ~~██████~~), Boynton Beach, FL: Violation of Florida Statute 472.033 (1) (g); negligence and misconduct. Default, failed to complete survey. License revoked.

~~██████████~~ (LS ~~██████~~), Melbourne, FL: Violation of Florida Statute 472.033 (1) (g); negligence. No further action.

March 1983

~~██████████~~ (LS ~~██████~~), Jacksonville, FL: Violation of Florida Statute 472.033 (1) (g); negligence and incompetency, survey failed to meet Minimum Standards. Fined \$250, placed on probation for 12 months with work being reviewed every three months.

~~██████████~~ (LS ~~██████~~), Bradenton, FL: Violation of Florida Statute 472.033 (1) (g); negligence and incompetency, survey did not meet Minimum Standards. Fined \$250, placed on probation for 12 months with work being reviewed every three months.

~~██████████~~ (LS ~~██████~~), Ocoee, FL: Violation of Florida Statute 472.033 (1) (g); negligence and incompetency, surveys did not meet Minimum Standards. Fined \$250, placed on probation for 12 months with review of work every three months.

~~██████████~~ (LS ~~██████~~), Pensacola, FL: Violation of Florida Statute 472.033 (1) (g); negligence for failing to use due care in performing in a land surveying capacity. Fined \$250, placed on probation for 12 months with review of work every six months, written reprimand.

June 1983

~~██████████~~ (LS ~~██████~~), Largo, FL: Violation of Florida Statute 472.033 (1) (g); negligence, affixing his seal and signature to a survey plat which he did not personally prepare. Fined \$1000 plus administrative costs of \$485, placed on probation for two years with review of five survey projects every three months.

~~██████████~~ (LS ~~██████~~), Green Cove Springs, FL: Violation of Florida Statute 472.033 (1) (g); negligence, no PRM's placed in ground. Fined administrative costs of \$872, placed on probation for one year with review of five survey projects (recorded plats) over past two years.

~~██████████~~ (LS ~~██████~~), North Ft. Myers, FL: Violation of Florida Statute 472.033 (1) (g); misconduct as he did not fulfill contract. License suspended for one year effective August 15, 1983, unless Dukas appears before Board to show just cause.

~~██████████~~ (LS ~~██████~~), Naples, FL: Violation of Florida Statute 472.033 (1) (e); failed to file a report or record which was required. License suspended for one year effective August 15, 1983, unless he appears before Board to show just cause.

1983 - 1984 SUSTAINING MEMBERS

Accu-Air Surveys, Inc.
P.O. Box 63
1220 "A" Avenue
Freeman Field
Seymour, Indiana 47274
812/522-2300

Marbaugh Engineering
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Indianapolis, Indiana
46204

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Instrument Company
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Anoka, Minnesota 55303
612/421-1445

G. Lengemann Company
2314 N. 5th Street
P.O. Box 496
Niles, Michigan 49120

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Tucson, Arizona 85726

Kara Co., Inc.
4400 Riverside Ave.
Lyons, Illinois 60534

1983 - 1984 Firm Members
(Firm Member Professional Directory Follows)

Brady Land Surveying, Inc.

Columbus Surveying and Engineering Company

Paul I. Cripe, Inc.

John R. Donovan

Fink, Roberts, and Petrie, Inc.

Mid-States Engineering Company, Inc.

O'Brien Engineering

Ohio Valley Engineers, Inc.

•Peller-Tanck-Gertsmeier-Reinert, Inc.

•Plumb-Tuckett & Associates

•Paul Primavera & Associates

•Reid, Quebe, Allison, Wilcox & Associates

•Alan Stanley

•William S. Tanke

•United Consulting Engineers, Inc.

•Vester & Associates, Inc.

•Wallen Engineering, Inc.

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Ind. Pro. Land Surv., 9970

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317-653-6710

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GREENCASTLE, INDIANA 46135


ALAN STANLEY
PRESIDENT

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317/293-7272



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Land Surveyor

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Res. (317) 356-1163

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PATRICK N. CUNNINGHAM, R.L.S.
PRESIDENT

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Elkhart, Indiana 46514
219/293-3611

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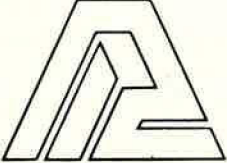
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p.o. box 1171, columbus, indiana 47201
ph (812) 372-0996




Mid-States
Engineering Co., Inc.
107 N. Pennsylvania Ave., Suite 703
Indianapolis, Indiana 46204
317/634-6235

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FIRM MEMBERS — PROFESSIONAL SERVICES DIRECTORY

 <p>PAUL I. CRIFE, INC.</p> <p>James E. Dankert, P.E., L.S. Partner</p> <p>7172 Graham Road/Indianapolis, Indiana 46250/(317) 842-6777 Land Development Engineers/Land Surveyors/Architects Land Planners</p>	<p>THIS SPACE AVAILABLE TO NEW FIRM MEMBERS</p>
<p>John R. Donovan 2030 Inwood Drive Fort Wayne, Indiana 46805</p>	<p>O'Brien Engineering 448 Meadow Lane Madison, Indiana 47250 812/273-4360</p>
<p>Fink, Roberts & Petrie 3307 W. 96th Street Indianapolis, Indiana 46268 317/872-8400</p>	<p>Ohio Valley Engineers, Inc. 602 MAIN STREET PETERSBURG, INDIANA 47567 812 - 354 - 8893</p>



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The program, which starts at 8:00 A.M., May 11, 1984 and adjourns
at 4:30 P.M. the same day, includes:

- . Board Concerns/Rules and Regulations Update.
- . Licensing of the Design Professions/Consumer Protection/
Enforcement Procedures.
- . Liability of the Government vs. Liability of Architects.
- . Fiduciary Responsibilities of the Architect as a Professional.
- . Legal Responsibilities/Liabilities.

The keynote speaker is the honorable Liney E. Pearson, Attorney
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OBJECTIVES

- . Provide a unique opportunity to meet your professional
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TO LEARN of changes and amendments in the various
governing statutes.

TO COME TO KNOW key provisions in the rules and
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- . Learn from past experiences:
TO BE BETTER PREPARED to prevent and control building
design failures.

TO IDENTIFY what types and kinds of liabilities and
legal responsibilities must be addressed.
- . To continue to serve the public well.

Each attendee will receive a conference summary report, updated
rosters, and rules & regulations of the Boards of Registration,
and a copy of the book "Why Buildings Fail", and notes on the
recent studies on Building Structural Failures - Their Cause &
Prevention.

REGISTRATION FEE: \$60.00 - Person (\$75.00 after May 1st)
PHONE: 219/239-6691 \$40.00 - Intern/EIT (\$50.00 after May 1st)

THE HOOSIER SURVEYOR

Indiana Society of Professional Land Surveyors, Inc.
5355 E. 38th Street, Suite 209
Indianapolis, IN 46218

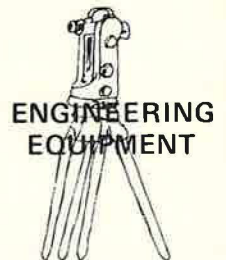
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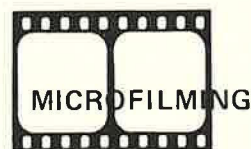
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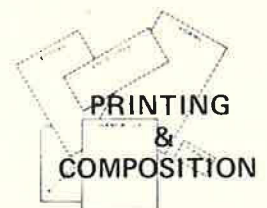
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