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Indiana Society of Professional Land Surveyors, Inc.

Affiliated with the American Congress on Surveying and Mapping



*Goofy, Donald Duck, and Mickey Mouse use a surveyor's level
to create an accurate map of the earth's surface.*

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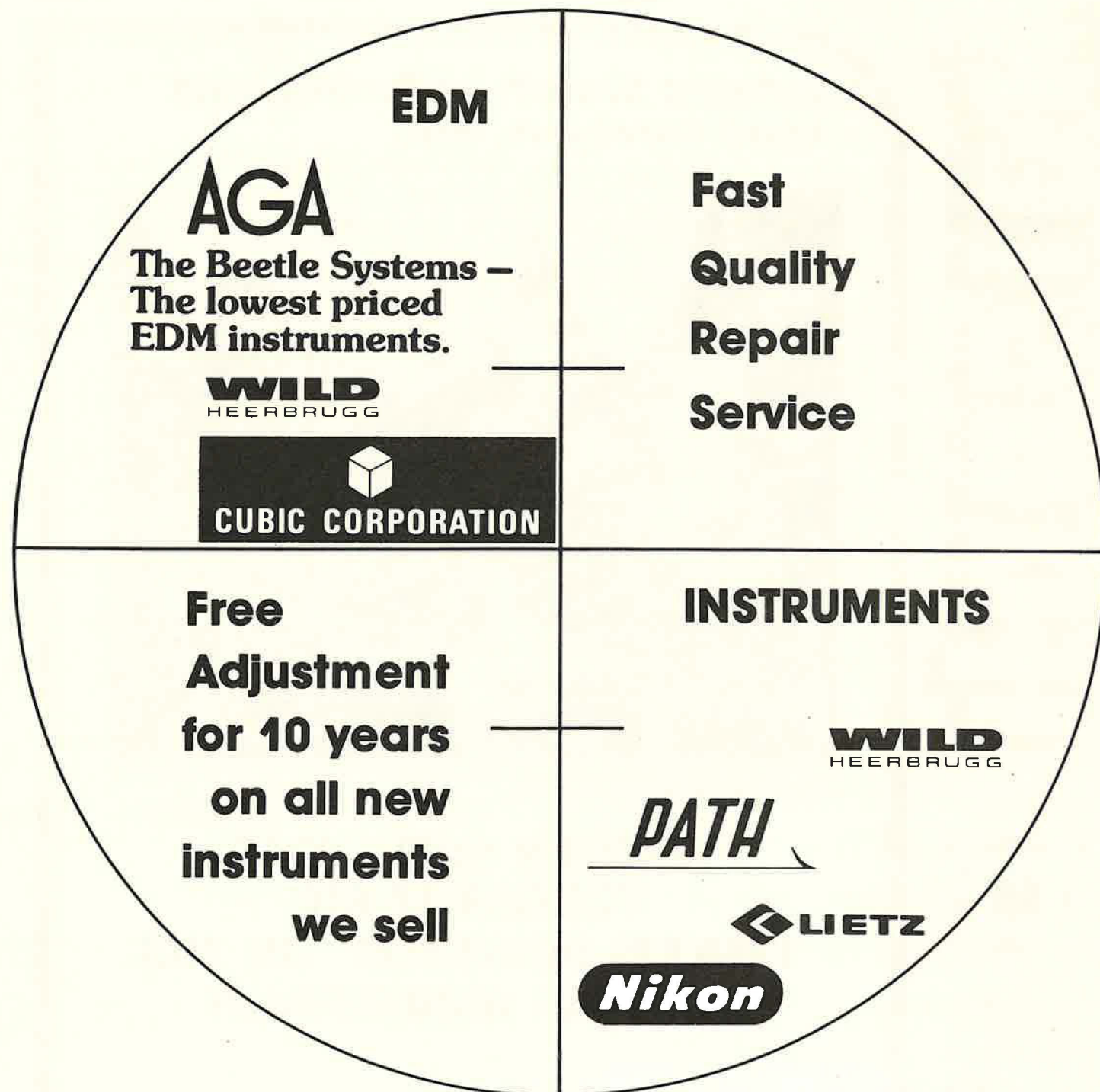
VOLUME 5
NUMBER 4
FALL 1978



- 1979 CONVENTION IN INDIANAPOLIS • SUNSET LEGISLATION •
- PROFESSIONAL DEVELOPMENT • SURFACE MINING AND CONTROL
- ACT • DELEGATE REPORT FROM FALL CONVENTION • INITIAL
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HOOSIER SURVEYOR

VOLUME 5, NO. 4, FALL 1978

Committee Assignments (1978)

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Editor's Note: The tardiness of this Fall issue is the fault of the editor and not the printer!

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COVER: Mickey Mouse, Goofy, and Donald Duck portray astronauts, surveyors, and explorers in a new animated color filmstrip series dealing with map reading and titled "Finding Our Way With Maps and Globes". Narrator is "global genius" Ludwig Von Drake and our cover depicts an appropriate scene from one of the filmstrips. Permission to use was given by Walt Disney Educational Media Company, Inc.

EDITOR'S NOTE:

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

Winter issue - January 31
Spring issue - April 30
Summer issue - July 31
Fall issue - October 31

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Kenneth S. Curtis
Editor

THE PRESIDENT'S PAGE

PRESIDENTS MESSAGE

By: Roger Woodfill

TOPIC: RECOGNITION

The Indiana Society of Professional Land Surveyors, Inc. is an affiliate of the American Congress on Surveying and Mapping. Our obligations as an affiliate were printed last Spring in Volume 5, Number 1, of the "Hoosier Surveyor". I was surprised to learn that until this year A.C.S.M. did not engage in lobbying or monitoring governmental affairs. Since it was headquartered near Washington, D.C., I had assumed A.C.S.M. represented our views to Congressmen and the federal bureaucracy. As a result of not being represented, most federal rules, regulations, and thinking consider the land surveyor at the level of crew chief.

Our recognition is suffering from a 1930's definition of "land surveying". The reason for all the ado about revising the Dictionary of Occupational Titles has finally soaked-in. A second reason that we are not considered professionals is that land surveying is considered an "apprenticable" occupation. That is the reason you see occasional Army and Navy recruiting posters offering to train you to be a surveyor in twelve to eighteen months. The truth is congressmen and bureaucrats do not know the requirements to become a land surveyor nor do they know the capabilities of a surveyor. Before you criticize the ignorance of federal government, ask your neighbors (or even your family) to tell you what they think a surveyor does. The general public's lack of knowledge concerning surveying will amaze, and I hope awaken you to our recognition problem.

To combat part of this misunderstanding A.C.S.M. hired Len Homa in mid-October to represent surveyors and cartographers in the battle to get them recognized as professionals in the regulations implementing the Surface Mining Act of 1977. When that job is completed, A.C.S.M. will continue effort to gain similar recognition in the Brooks Bill and the American Bar Association's Model Procurement Code.

You have probably figured out that these efforts cost more money than is presently available. Last summer A.C.S.M. asked their membership for voluntary donations to be spent specifically on these programs. Contributions of \$16,000 plus were received in a short period confirming that grass root surveyors supported this activity and permitting the legislative liaison committee to make significant progress already. A.C.S.M. membership dues were also increased ten per-cent and designated to be spent in these efforts. And at the Albuquerque meeting this past October, the A.C.S.M. board of Directors voted to assess their affiliates \$5.00 per affiliate member who was not also an A.C.S.M. to raise funds for the same purpose.

The Indiana Society of Professional Land Surveyors has had input on the above mentioned decisions for A.C.S.M. to enter governmental affairs and for the



Roger Woodfill
President

various methods of financing this effort. We have not always agreed exactly, but I.S.P.L.S. members have made good points and reflected the Hoosier surveyor basic desires and thinking. (You will hear more about the I.S.P.L.S. plan of financing our obligation A.C.S.M. when you receive your 1979 dues notice.) The bottom line is one that you have heard before -- In order to gain legal and social recognition as a "professional", land surveyors need to conduct their business and personal affairs at an impeccable level and to support their professional societies with their time and money.



February 15-17, 1979

Annual Convention of Indiana Society of Professional Land Surveyors, Airport Hilton, Indianapolis.

March 18-23, 1979

Annual Convention of American Congress on Surveying and Mapping, Washington, D.C.

NEWSNOTES

The Board of Directors of ISPLS have unanimously voted to make John S. Grimes, attorney at law and retired professor of law at Indiana University (Indianapolis), an Honorary Member of the Society.

Peggy Archer, a long-time secretary in the state office of the Indiana Society of Professional Engineers and closely involved in ISPLS activities in recent years, is no longer employed in the state office. ISPLS would like to recognize and thank Peggy for the dedicated work over the years.

Papers presented at an Indiana American Revolution Bicentennial Symposium on "This Land of Ours: The Acquisition and Disposition of the Public Domain" at Purdue University, April 29-30, 1978, are available in a 126-page proceedings at the Indiana Historical Society, 315 West Ohio Street, Indianapolis, Indiana 46202, for \$3.00 per copy.

Correspondence courses in Elementary Surveying I and II, Advanced Surveying, and Photogrammetry are now being offered by the University of Wisconsin-Extension. Brochures are available from the University with details of the costs, course descriptions, and pre-requisites. For more information, write to Independent Study, University of Wisconsin-Extension, 432 North Lake Street, Madison, Wisconsin 53706.

The position of Daviess County Highway Engineer is currently open and applications are being solicited. Contact the County Commissioners, Daviess County Courthouse, Washington, Indiana 47501.

Bernie Loeffler has retired as Secretary of the State Board of Registration effective December 9, 1978. ISPLS took part in a retirement ceremony and presented him with a small gift. Everyone wishes him well in his retirement after many years of dedicated service to the professional engineers and land surveyors in Indiana.

Two of our members were ailing this Fall. Leo Strack, Dept. of Natural Resources, suffered a stroke while supervising a survey in northern Indiana and had some paralysis of his left side. John Fisher of Lafayette has been hospitalized after he fell from a horse and suffered head injuries. They both would, no doubt, enjoy hearing from their friends around the State.

A guide for question writers for the N.C.E.E. standardized Land Surveyors Registration Exam has been acquired by I.S.P.L.S. and is being kept at the Indianapolis Headquarters. There is an urgent need for questions from the practicing Land Surveyor. Payment is made for question that can be used.

A proposal for a Subdivision Plat and Survey Competition has been approved by the ISPLS board of directors. The rules and application forms will be printed in the next issue of the Newsletter.

Two new committees have been named by Roger Woodfill, president of ISPLS. They are: (1) Public Relations Booth, Robert Bigelow (chairman), Thomas Newport, and Robert Daake; (2) Constitution Review Committee, Gene Darnall (chairman), Brad DeReamer, and James Dankert.

A Land Surveying Review course of 24 hours of preparatory review for individuals intending to take the Indiana State Land Surveyors Exam in April is being presented by the Department of Construction Technology, IUPUI, and co-sponsored by the Central Indiana Chapter of the ISPLS. It will be taught by Prof. David Wahlstrom and will meet on ten consecutive Saturday mornings beginning January 20.

Approximately fifty people are reported to have attended the Indianapolis Seminar on the "Legal Aspects of Land Surveying" conducted by T.S. Madson, II of Gainesville, Florida, on December 14-16, 1978. The Seminar was endorsed by the Indiana Society of Professional Land Surveyors, but was not sponsored by them. Madson is a registered land surveyor and a practicing attorney.

The 1979 Fall Convention and Exhibit of ASP-ACSM will be held in Sioux Falls, South Dakota, September 17-21, 1979.

The next issue of the HOOSIER SURVEYOR will contain the announcement of an ISPLS sponsored Subdivision Plat and Survey Competition with an objective of improving surveying and drafting standards in Indiana. Look for the announcement!

The attendance at the 1978 summer workshops conducted by Professors K.S. Curtis and J.G. McEntyre was below expectations. A total of seventy attended the six workshops in Merrillville, South Bend, Indianapolis, Evansville, New Albany, and Columbus. Several others were cancelled because of low preregistration. There were probably several contributing factors but the primary one appeared to be that the land surveyor was busier last summer than he has been for many years. McEntyre's discussion on "Land Parcel Identification" will not be repeated, but Curtis' discussion on "Metrication in Surveying" will be repeated at the February 1979 ISPLS Annual Meeting in Indianapolis for those who were unable to attend last summer.

ANDRES APPOINTED REGISTRATION BOARD SECRETARY

On December 15, 1978, Governor Bowen announced the appointment of Otto C. Andres to succeed Bernard T. Loeffler as Secretary of the Board of Registration for Professional Engineers and Land Surveyors.

Andres, who is retiring after 30 years' service at Naval Avionics in Indianapolis, comes with good credentials. Born in 1922 in Floyd County, Indiana, he obtained his BSEE degree at Rose-Hulman Institute in January of 1949 after service in the Air Force. He was married in 1948 to Jeanne Schuler of Jeffersonville and has a family of four. He went to work for Naval Avionics on January 14, 1949, and received his Indiana Professional Engineer Registration in 1954.

His thirty year service includes assignment as Branch Head and Program Manager in such diverse projects as airborne radar, airborne fire control systems, infrared systems, anti-submarine warfare systems, communications, navigation, and IFF systems.

As Program Manager he directed the research, development, design and production of the Walleye Weapon System and associated avionics equipment.

Indiana Society of Professional
Land Surveyors, Inc.



25th Annual Convention



Agenda



Thursday and Friday
February 15 & 16, 1979

Airport Hilton, Indianapolis, Ind.

THURSDAY, FEBRUARY 15:

- 8:00 A.M. - 2:00 P.M.
Registration Desk Will Be Open.
- 9:30 A.M. - 12:00 NOON
Concurrent Workshops
- A. Metrification in Land Surveying
Kenneth S. Curtis, Purdue Univ.
 - B. Hydrographic Surveying
William Kreisse, Chief, Survey Branch,
Army Corps of Engineers.
 - C. Study of the Liability of a Land Surveyor,
Homer Sandridge, Victor O. Schinnerer
& Co., Inc.
- 12:15 P.M. - 1:45 P.M.
Lunch — Jon Levenenz, Pres., ACSM
- 2:00 P.M. - 4:30 P.M.
Concurrent Workshops
(Repeat of morning session)
- 2:30 P.M. - 6:00 P.M.
Exhibit Hall Open
- 6:00 - 8:00 P.M.
Cocktail Hour (Cash Bar) and Entertainment
- 8:00 - 9:00 P.M.
Buffet
- 9:00 - 10:00 P.M.
Auction

FRIDAY, FEBRUARY 16:

- 8:00 A.M. - 12:00 NOON
Registration — Desk will be open.
- 8:30 A.M. - 9:00 A.M.
Acknowledgement of Exhibitors
- 9:00 A.M. - 10:15 A.M.
Sewer Design and the Ten State Standards
Ralph Stephenson, Ph. D.
Quebe, Allison, Wilcox & Associates
- 10:30 A.M. - 11:45 A.M.
Safety and the Surveyor
Harold L. Michael, Dean of Civil
Engineering, Purdue Univ.
- 12:00 NOON - 1:30 P.M.
Lunch
Senator Richard G. Lugar
U.S. Senator, Indiana
- 1:45 P.M. - 3:00 P.M.
Application of Photogrammetry to Surveying
Norman L. Henderson, P.E., P.S.
Owner-President, Henderson Aerial Surveys,
Columbus, Ohio
- 3:15 P.M. - 5:45 P.M.
Annual Business Meeting
- 8:00 A.M. - 2:00 P.M.
Exhibit Hall Open
- 6:00 - 7:00 P.M.
Cocktail Hour
- 7:00 P.M.
Luau

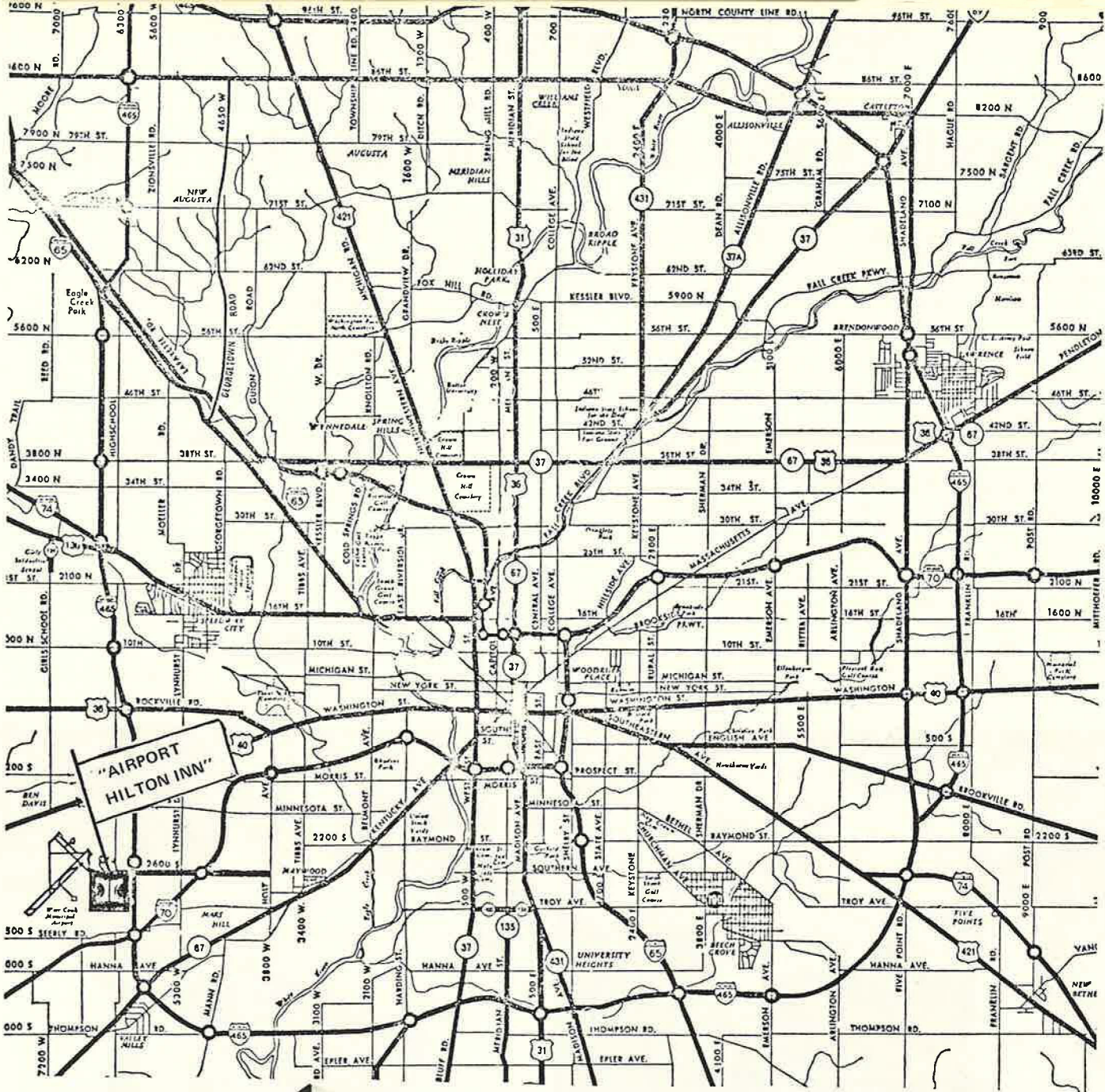
LADIES PROGRAM

THURSDAY

- 8:30 - 9:30 A.M.
Registration
- 9:45 A.M.
Leave for Museum
- 10:30 - 11:30 A.M.
Tour of Lilly Pavilion
- 12:00 NOON - 1:00 P.M.
Lunch "Garden on the Green"
- 1:30 P.M.
Tour of Museum
- 3:30
Bus pick-up (time may change)
- Dinner with men

FRIDAY

- 9:30 - 11:00 A.M.
"John Robert Powers"
- 12:00 NOON - 1:30 P.M.
Lunch (with men)
- 2:00 - 4:00 P.M.
"Create a Plaque"
- Luau



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WHAT YOUR PROFESSIONAL SOCIETY HAS DONE IN 1979 ABOUT THE FEDERAL SURFACE MINING AND CONTROL ACT

The most common question asked by those surveyors who do not belong to the Indiana Society of Professional Land Surveyors is "What do I get for my membership fee?" This report logs some of the correspondence, statements, appearances and services that the fourteen surveyors who do consulting work for surface coal miners received. You must read this article in its entirety before drawing any conclusions. There have been "ups and downs," and the final decision has not been made yet.

Gordon Curtis, Oakland City, made us aware that the federal Surface Mining Control and Reclamation Act of 1977, prohibited the licensed land surveyor from performing many of those services normally and traditionally done in Indiana by surveyors. I.S.P.L.S. membership was urged to write our congressmen. The following is Senator Lugar's response to Gary McAllister's letter. Please note that McAllister and Jim Vinton mentioned in Jackson's response to Lugar are members on I.S.P.L.S.

Dear Mr. McAllister:

Thank you very much for your recent letter regarding the Surface Mining Control and Reclamation Act of 1977.

I have received similar letters from land surveyors and wrote to Senator Henry Jackson, Chairman of the Senate Committee on Energy and Natural Resources, asking for his assessment on amending the engineering provisions of this Act. I am enclosing a copy of Senator Jackson's response for your review. As you can see, he does not seem to be in favor of amending the Act.

In any event, thank you for bringing your concerns to my attention and letting me be of assistance.

Sincerely,

Richard G. Lugar

SENATOR JACKSON'S LETTER TO SENATOR LUGAR

Honorable Richard G. Lugar
United States Senate
Washington, D.C. 20510

Dear Dick:

I appreciate your thoughtfulness in giving me the opportunity to review the correspondence from Mr. James K. Vinton, Jr., of Indianapolis, concerning the Surface Mining Control and Reclamation Act of 1977.

After careful examination of the resolution on mining and reclamation of the American Congress on Surveying and Mapping, about revision of the Act, I must say that I would oppose any such attempt to weaken the engineering provisions of the Act. Congress undertook the agonizing process of enacting this legislation in the first place because State reclamation and enforcement standards for surface mining of coal were grossly inadequate. The fact that some States license surveyors to design and approve siltation dams or other portions of the operator's reclamation plan is no reason to assume that Congress should restore this prerogative to the States. On the contrary, oversight by a professional registered engineer or geologist was deliberately in the Act in recognition of the importance of requiring appropriate professional expertise to be brought to bear on matters affecting public safety and environmental protection.

For these reasons, I would not be able to support or encourage any move to amend the Act in the

the manner set forth in the memo which Mr. Vinton sent to you.

With best wishes,

Sincerely yours,

Henry M. Jackson
Chairman

Discouraged at Jackson's attitude I.S.P.L.S. wrote Lugar and Bayh and Representatives a letter (about state rights and the role of a land surveyor) as follows:

Dear Senator Bayh:

Nationally, land surveyors are most upset about Senator Jackson's refusal to consider an amendment to the Surface Mining Control and Reclamation Act of 1977. I would appreciate your efforts to explain to the senator from Washington that said law could be greatly improved by substituting the term "qualified registered professional" where exists the phrase "engineer or geologist." This small change is important to all of us who believe the licensing of a professional is a function of state government.

Each state has a different historical, geographic, political and geological make-up. Therefore, it has evolved that most states allow land surveyors to practice various combinations of the engineering sciences, in addition to their commonly understood functions of measuring distances and preparing property descriptions and maps. For instance, because of Indiana's terrain the land surveyor candidates must show that they have a working knowledge of hydrology or drainage engineering before they can become licensed to practice land surveying in Indiana. In some states, a land surveyor can legally practice various phases of soils engineering, structure design, mining engineering and so forth. We believe that state governments should determine a professional's area of competency through a review of the individual's education, work experience, and test results. This has always been the individual's state's obligation until this federal act in question specified "engineer or geologists."

On the contrary, the unamended act, if taken literally, would permit an electrical engineer or a petroleum exploration geologist to design a siltation dam. Although the professional has an obligation to refuse to engage in work with which he is entirely unfamiliar, the wording of the Surface Mining Control and Reclamation Act of 1977 should be corrected to assure that public safety work is done by qualified professionals.

Please help us return to the states their right to license citizens according to the ability and talents, by correcting the wording of the Reclamation Act as suggested in the first paragraph.

Professionally,

Roger Woodfill, President
Indiana Society of Professional Land Surveyors, Inc.

All of the responses were similar to that of Lee Hamilton, Ninth District Congressman.

Dear Mr. Woodfill:

Thank you for your recent letter concerning Public Law 95-87, the Surface Mining and Reclamation Act of 1977. You make good points and I thank you for sharing them with me.

At present, I am not aware of any work being done on the Senate level with this law, but I have contacted the Committee on Energy and Natural Resources with the points you raised.

You may be interested to know, however, that Representative Udall had ordered a field study to be done to determine how a land surveyor can practice his profession under this law. This study is now being implemented and it is expected to be completed prior to the next Congress.

I will keep your views in mind when reviewing this study, and I will remain alert to any actions taken on this law.

In an effort to be helpful, I am forwarding your letter to the Secretary of Interior for his consideration and comment. I think it worthwhile to call his attention to your observations, and I will be back in touch with you after I have heard from him.

Thank you again for expressing your views to me.

Sincerely,

Lee H. Hamilton, M.C.

DEPARTMENT OF INTERIOR'S LETTER TO LEE HAMILTON

Dear Mr. Hamilton:

This is in response to your transmittal of September 12, 1978, forwarding a letter from your constituent, Mr. Roger Woodfill, expressing his desire to have the Surface Mining Control and Reclamation Act amended to include surveyors as well as Professional Engineers. As he points out, in many places the Surface Mining and Reclamation Act of 1977 specifically requires an approval or other certification be made by a Professional Engineer. The Office of Surface Mining has followed those specific directions in the regulations. At points in the regulations that are not governed by specific statutory direction, OSM has referred to "qualified" or "appropriate" professionals. OSM has done this to allow the maximum flexibility while achieving professional qualified certifications.

In order to study the division of professional work required in the law and OSM regulations, especially the many areas for which surveyors are needed, OSM has within the past few weeks contracted with the Oak Ridge National Laboratory. That Laboratory will begin its work in several weeks and will be directed to contact the American Congress of Surveying and Mapping. In addition, I will see that they have a copy of your letter. Their report is due in early January 1979.

Let me assure you that OSM has attempted not to preclude any professional from work for which he is qualified. We believe that there will be an increase in work in coal mining for professionals of all sorts--engineers, surveyors, geologists and planners.

I hope this information is helpful to you. If you wish further information about the Oak Ridge National Laboratory study, I suggest that you call Dr. Phyllis Thompson, Chief, Division of Training, who is monitoring their report at (202) 343-5254.

Sincerely,

Gary R. Catron
Assistant to the Secretary and
Director, Office of Congressional
and Legislative Affairs

It was apparent that we were not going to succeed getting a federal law amended, but we would be able to effectively influence the writing of the rules and regulations being generated by the Department of Interior. The American Congress on Surveying and Mapping had hired a lobbyist in mid-October (see related story in this issue) to try to get the surveyor included in the same regulations. One of the three national public hearings being held by the Office of Surface Mining concerning these regulations was to be held in Indianapolis. All but one of the I.S.P.L.S. members

no who perform work for miners was contacted by phone and notified of these hearings.

Byron Brady, I.S.P.L.S. delegate to A.C.S.M., read their national statement into the hearing records. It is too lengthy to reprint here, but we used it as a pattern to formulate the official I.S.P.L.S. statement. The following three statements were submitted by I.S.P.L.S. members Jack Irwin, Gary Kent, and Roger Woodfill and are part of the testimony being considered by the Office of Surface Mining.

STATEMENT OF JACK IRWIN

Dear Mr. Drake,

On Thursday, October 19, 1978 I appeared in Indianapolis, Indiana at the public hearing held by the United States Department of Interior, Office of Surface Mining Reclamation and Enforcement. I introduced myself at the public hearing as Jack A. Irwin, Public Official serving as the Marion County Surveyor and as Jack A. Irwin, private land surveyor registered in the State of Indiana.

As a Public Official and County Surveyor the provisions set out in the Surface Coal Mining Reclamation and Enforcement Rules have little impact on the operation of my office. However, as licensed professional surveyor in the State of Indiana I can foresee damaging repercussions to the very foundation of the professional Land Surveyor.

The State of Indiana together with all of the other States in the United States of America have gone through the agonizing process of enacting legislation, setting of practice and a code of ethics to serve the general public for the benefit of mankind. The States have written an examination set on a National Standard to gether with an examination based on individual state laws and regulation. The land surveyors of the United States have a National Society known as "American Congress on Surveying and Mapping", located 210 Little Falls Street, Falls Church, Virginia 22046. This society together with State societies have been formed basically for the purpose of continuing education and exchanging new ideas and methods for the surveying community.

The proposed Permanent Regulations of the Surface Coal Mining and Reclamation and Enforcement Act of 1977 contain certain sections that can and will weaken the very keystone of the foundation of professional land surveyors. These sections are taking away long standing services and skills that the land surveyor has been rendering to the mining industry for years.

Sections 779.23, 779.24, 779.35 and 783.23 clearly depict the type of activity that is ordinarily defined within a professional land surveyors responsibility. Therefore, I believe that the "registered professional land surveyor" should also be included as one of the "qualified registered professionals" that shall prepare or be in responsible charge of permit applications.

I believe that a favorable consideration based on the information contained herein will indicate the sincere desire that the comment clerk was intended to perform.

In an effort to make this letter as brief as possible I am enclosing a copy of the Indiana State Registration Act for Professional Engineers and Land Surveyors.

Sincerely,

Jack A. Irwin, L.S.
Marion County Surveyor

STATEMENT OF GARY KENT

The Comment Clerk:

The land surveying profession in the United States today is a proud, qualified, and conscientious group of dedicated professionals. They have served the public trust well by requiring and promoting strict standards of practice and licensing requirements. Professional land surveyors across the country have formed many professional organizations such as the American Congress on Surveying and Mapping and its 48 affiliates to establish and keep high professional standards by promoting such things as continuing education, technical standards, strict licensing requirements, and ethical standards.

All but one of the states in the Union enacted legislation requiring licensing and outlining the services that the registered professional land surveyor may provide. Certain sections of the proposed regulations for the Surface Mining Control and Reclamation Act of 1977 (Public Law 95-37, codified as Section 1201 of Title 30) seriously undermine much of this state legislation by denying the registered land surveyor the right to practice his profession as he has given the right to be statutory law.

In Indiana, to qualify for the 16 hour examination required for registration as a professional land surveyor, a person must have graduated from an approved land surveying curriculum of 4 years or more followed by a minimum of 4 years of practical experience in land surveying work subsequent to graduation or a specific record of at least 8 years of land surveying education and practical experience in land surveying under the direction of a registered professional land surveyor (Indiana Code 1971 25-31-1-12 (b) (1,2)). These extensive requirements allow only highly qualified persons to become registered as professional land surveyors. The Registration Act for Professional Engineers and Land Surveyors (Indiana Code 1971 Title 25, Article 31, Chapter 1) established a Board of Registration (25-31-1-3) to oversee the Land Surveying profession and goes to great extents to define the "land surveyor" (25-31-1-2 (e)) and "the practice of land surveying" (25-31-1-2 (g,h)) in detail. The proposed regulations for Public Law 95-87 contains several sections which are in direct conflict with the Indiana Registration Act. The result of those conflicting proposed regulations is that the registered professional land surveyor in Indiana is prevented from performing many of the functions provided for by Indiana State law.

Section 779.23 (a) in the proposed regulations states "maps, plats, and cross sections. . .shall be prepared by or under the direction and certified by a qualified registered professional engineer or professional geologist. . ." This is in direct conflict with the Indiana Registration Act. Among the functions defined as being a part of "the practice of land surveying" are "to furnish a topographic plat of a lot, parcel, tract, or division of land. . ." (25-31-1-2 (g) (4)). This topographic plat preparation is essentially prohibited by wording in Section 779.23 (a) of the proposed regulations. The land surveyor has been relegated to a subordinate position by the wording in Section 779.23 (a) when in fact, he is perfectly qualified to provide this service as he has in the past and still today. Section 779.24 in the proposed regulations concerns the general requirements for the maps required in the proposed mine area.

These maps must be prepared in accordance with the limitations set forth in Section 779.23 (a) allowing only qualified registered professional engineers or professional geologists to prepare the maps. It should be noted, that all of the requirements set forth in 779.24 (a-k) are services which are provided by the registered professional land surveyor in accordance with Indiana state law. In addition, the preparation of cross section maps and plans described in Section 779.25 is also an item which makes up a significant amount of the professional land surveyor's work. Some of the requirements described in Section 779.25 are performed primarily by professional engineers; however, it is typical practice for the engineer to provide this information to the professional land surveyor for purposes of preparing cross section plans and maps and indicating thereon which items of information had been provided by the engineer.

The registered professional land surveyor has also been excluded in Section 780.13 (c) with regard to preparation of maps and plans when in fact he is qualified to perform many of the services described. The professional land surveyor has again been relegated to a subordinate position by the wording". . .with assistance from related field such as land surveying. . ." when, in fact, many of the services described are directly to the practice of land surveying as set forth by Indiana statute law.

The professional land surveyor of the United States have proven themselves to be highly qualified and skilled and have performed with a great deal of competency within the scope of their profession as outlined by many states' laws. The registered professional land surveyors in Indiana and their professional society, the Indiana Society of Professional Land Surveyors, request that the wording in Section 779.23 (a) and 780.13 (c) be clarified in such a way that a "qualified registered professional land surveyor" be included as one of the experts allowed to prepare and certify the maps and plans described in those section and in sections 779.24 and 779.25. This we request so that the land surveying profession can continue to serve the public in the same way it has for years, as highly trained persons in technical field for which they are exclusively educated and trained.

Thank you,

Sincerely,

(signed) Gary R. Kent and Luther Condre
for the Indiana Society of Professional
Land Surveyors.

STATEMENT OF ROGER WOODFILL

My name is Roger Woodfill, I am a registered professional surveyor in the states of Indiana, Ohio and Kentucky, and I have been in active practice preparing maps and plats for six years. I am not a licensed engineer nor am I familiar with any licensing requirements for a geologist.

According to the Ohio Revised Code 4733.01 (D) the "Practice of Surveying" is defined as that branch of engineering and applied mathematics which teaches the art of surveying and measuring the area of any portion of the earth's surface, the length and direction of the boundary lines, and the contours of the surface, for their correct determination and description and for the conveyancing and recording, or for the establishment or re-establishment of land boundaries and the plotting of land subdivisions; and like measurements and operations involed in the surveying of mines, commonly known as "mine surveying". It appears to me that Section 779.23 (a), Section 779.24 (a) through (k), Section 779.25, and Section 780.13 (c) of the proposed regulations suggest that a surveyors would not be allowed to perform many tasks (which he holds a license to perform by the above definition) unless he is supervised by and engineer or geologist (who may or may not be licensed to perform those tasks).

Similiarly, the definition of the "practice of land surveying" according to the Indiana registra-tion law (Indiana Code 1971, 25-31-1 Chapter 148 Section 2 (g) and (h), copy attached) also permits land surveyors to perform, or exclusively assigns to land surveyors, those functions mentioned in the proposed regulations' Sections 779.23, 779.24, 779.25 and 780.13. Presently, several land surveyors in Indiana prepare effected area reports and certify them with their land surveyors seal. It is may understanding that most states defined the land surveying pro-fession by permitting them to perform those functions that are described in the above men-tioned sections of the regulations. It is also my understanding that all states require a license to practice surveying.

Since it is the functions of state government to examine candidates for formal education and practical experiance before a license is granted, and since state registration boards have functioned well and continually raised the standards for professional registration, and since approximately three-fourths of most present examination processes are administered to national technical standards with approximately one-fourth specifically designed to allow for geogra- phical, traditional, and political variations of individual states; it is my opinion that the afore- mentioned proposed rules would produce higher quality work; would better coincide with existing state laws, thusly be more readily enforceable; and would better contain the cost of surface mining if the qualifying clauses of those proposed regulations read "and certified by a competent professional".

Thank you for your time and consideration. I would be happy to try to answer any of your questions.

The Indiana Society of Professional Land Surveyors is cooperating with A.C.S.M. on another front attacking this problem. The initial letterwriting campaign to congressmen prompted the hiring of a outside consultant to the Department of Interior to study the economic effect of omit- ting the land surveyor from the Surface Mining Act. We thought that we were dead when Robert Gaston, a research economist, was appointed to head this study group. Mr. Gaston authored an article entitled "How Licensing Hurts the Consumer" in the November 28, 1977 issue of Business Week. The article quotes the conclusion drawn by Mr. Gaston and his associate: "The more string- ent the licensing requirements, the lower the quantity and quality of service consumers received."

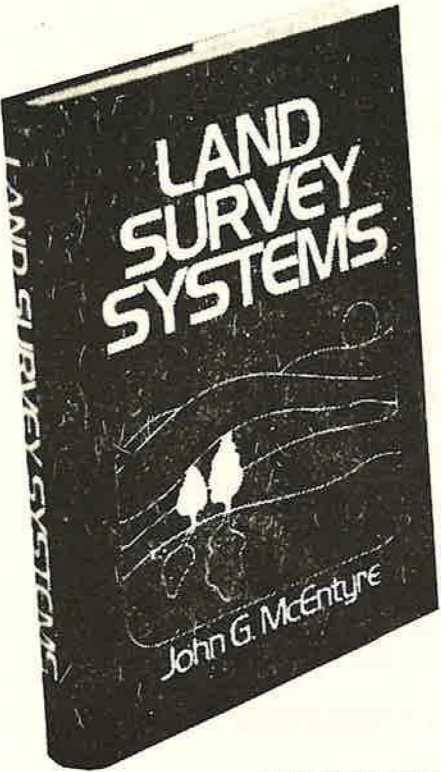
The study itself is a 295 page document titled "Occupational Licensing" dated 10/31/77 per- formed under a National Science Foundation grant. Land surveyors were considered among 31 pro- fessions but not included in the final list of 8 professions actually studied. However, I have been reassured by the A.C.S.M. committee that met with Gaston, that he appears to be a fair man and will give an honest report. Eighty members of I.S.P.L.S. were selected to complete and return questionnaires for the Gaston study.

This matter is not settled completely, but I.S.P.L.S. is working on it. It is only one effort that your society is making.

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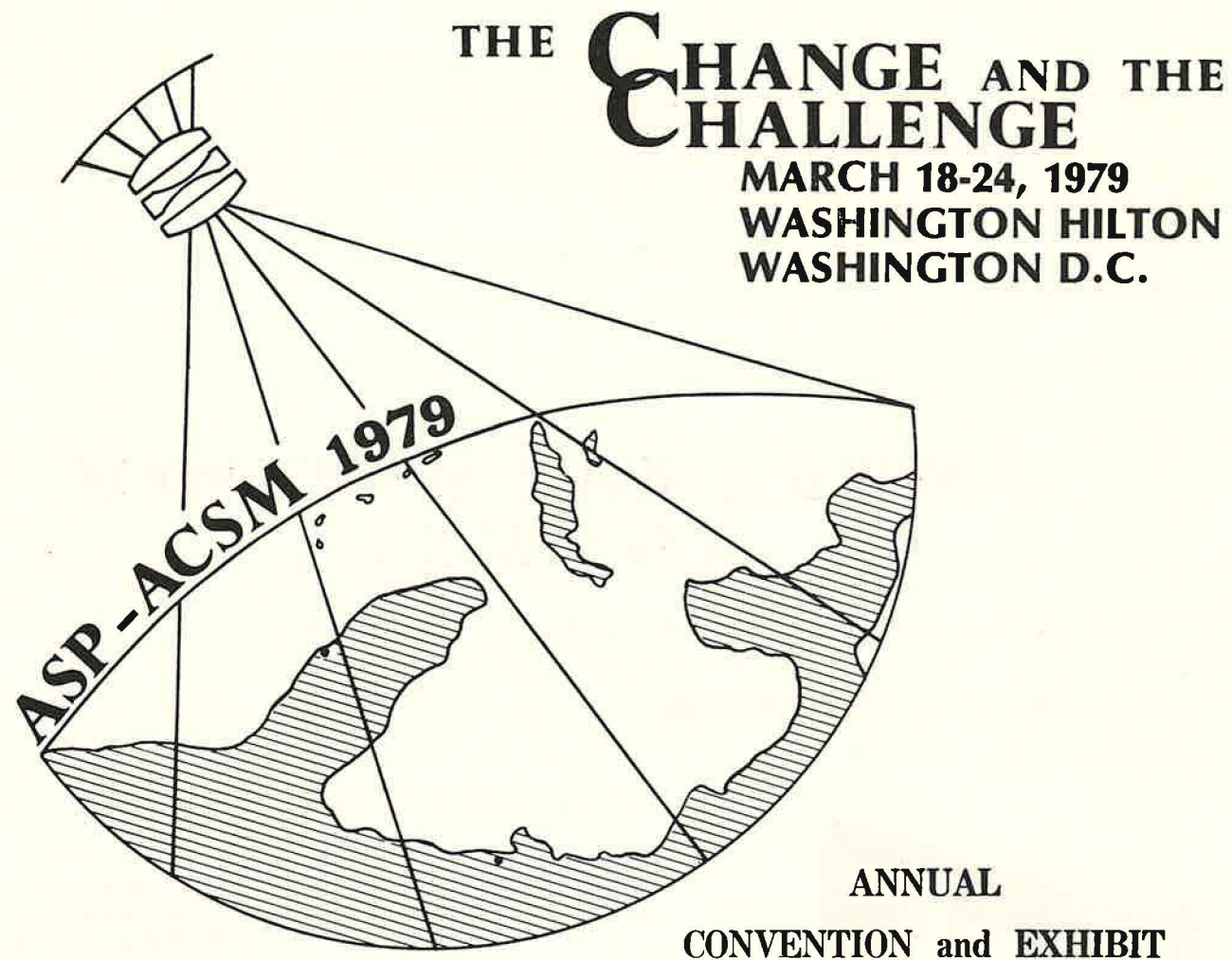
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**THE AMERICAN SOCIETY OF PHOTOGRAMMETRY
THE AMERICAN CONGRESS ON SURVEYING AND MAPPING**

November 14, 1978

TO INDIANA LAND SURVEYORS

In March, 1978 Gene Stoner was appointed Chairman of a committee to prepare a case for registration to combat Sunset Legislation across the Nation. At the October meeting at Albuquerque, Gene presented a draft of a paper titled "Professional Land Surveyors". The Area Directors were instructed to distribute this paper to each of their State so that the paper could be reproduced and sent to legislators, particularly those legislators and officials concerned with Sunset Legislation. In addition, it was pointed out by Gene that it was essential that the land surveyors become acquainted with their legislators; that they get to know their legislators; it was essential that you call on your legislator and tell him personally how you feel about Sunset Legislation; perhaps deliver a copy of the enclosed paper and make him aware of the need for surveying registration. Gene also brought out the fact that it was necessary to support the legislators in their election campaigns. This can be accomplished through Surveying PACs or through personal contributions to a legislator's election committee. It costs money today to become elected to a public office and if we are to expect the legislator to listen to us, we must be ready to help him bear the cost of becoming elected.

I'm sending a copy of Gene's report to the President, Great Lakes Representative and COSA Delegate of each state. I trust that your organization will distribute the report to it's maximum potential.

Sincerely,

Paul B. Lapham
Area 4 Representative

MEMORANDUM

TO: The Sections, Affiliates and Members of the Surveying Profession
FROM: E. W. (Gene) Stoner
DATE: October 30, 1978
SUBJECT: Sunset Legislation

During the past several years many states and the Federal Government have enacted legislation that affects the surveying profession. With ever increasing frequency, laws are passed to control growth through the platting of subdivisions. Some laws are environmentally inspired, others are sponsored by consumer advocates, but most of them are enacted without our profession's advice. This may be due partly to our failure to communicate with them, making our point of view known. Thus, we the experts in this field, have had little to say in these matters.

Recently, a number of states have enacted legislation to abolish all regulatory boards, including that of the Land Surveying Profession. This act is commonly called "Sunset Legislation".

In several states we find that legislators, as well as the public, have little knowledge of the essential services we perform.

The Sunset Legislation Committee wrote the enclosed article entitled "Professional Land Surveyors" with the intent of enlightening government officials and the general public as to our role in society.

Within the past few months our profession was removed from the Federal Surface Mining Act and may shortly be left out of the Federal Procurement Act. This Act involves funds on local projects in your area.

When the Brooks Bill was enacted our profession was not included. The Census Bureau does not count us as a profession inasmuch as we are listed in the dictionary of Professions and Occupations as technicians.

If our profession is to survive this onslaught of change, it is imperative we become involved in the legislative process. We must know our legislators and be politically aware.

This can best be accomplished by joining and supporting, both actively and financially, our Professional Societies and Associations. We need an organization that will safeguard our interest.

Mail the enclosed article to your state and Federal legislator with a personal note, expressing your concern, regarding deregulation of the Surveying Profession.

PROFESSIONAL LAND SURVEYORS

BY

E. W. (GENE) STONER

HISTORY

*"Thou shalt not remove thy neighbor's landmark."
Deuteronomy, Chapter 19, Verse 14*

Historically, countries embracing the free enterprise system and private ownership of real property regulate land surveyors. Most surveyors are examined and judged by their peers through regulatory boards appointed by their governments, or through intergrated societies as originally established under English law.

When the United States changed to an industrialized nation, it became apparent that real property boundaries (the physical location) could not be established or maintained by layman without creating chaos. When it became evident that the physical health of the land title system was in jeopardy, the individual states enacted legislation requiring examination and regulation of surveyors. Most State Boards are appointed from the members of the surveying profession or professional engineers, by their state governors.

PROFESSIONAL LAND SURVEYING SERVICES

By tradition, metes and bounds descriptions are used to describe property in the original thirteen states. Thomas Jefferson, realizing the confusion resulting from metes and bounds descriptions, devised the present rectangular system of land subdivision. This system known as the General Land Office System of Surveys was established by the Congress of the United States and administered by the Surveyor General, now known and administered by the Bureau of Land Management. To establish and maintain the physical property boundaries as prescribed by law, surveyors utilize the systems established by the government and by tradition. They decipher vague metes and bounds descriptions, they aid the courts to determine property boundaries and establish the limits of ownership between adjoining owners by legal means. They must have the ability to survey, describe and physically delineate property involved in eminent domain proceedings, to establish the demarcation of boundaries between sovereign and private ownership, to aid in the establishment of riparian rights, to survey above and below the surface of the earth and bodies of water, both vertically and horizontally, to survey routes of transportation and communication, and to describe the property boundaries with clarity in order to maintain the health of the Land Title Records of the nation.

Everything has its place, and a surveyor determines its location.

Surveys may be performed for an individual client or government agency. However, surveys seldom involve a single property owner. More often than not, boundary lines may affect many owners. The land surveyor, therefore, must act in a quasi-judicial capacity to protect the interest of all property owners, unlike the attorney who advocates the cause of only his client. Surveyors are involved in title transfers that pass through many government agencies. Surveys aid in determining the value of property and are used by financial institutions to lend money, by taxing agencies to determine assessments, and by the cartographers to map the nation.

EDUCATION AND EXPERIENCE

Surveyors must be educated in mathematics, geodesy, cartography, and the theories of surveying. They must have an understanding of law as it applies to the physical location of property and boundaries, since both federal and state laws are an integral part of surveying.

In addition, practical experience is necessary to master surveying procedures and knowledge of the local history and customs is desirable to maintain integrity.

A working knowledge of geophysics, geology, astronomy, forestry, hydrography, and engineering are needed to establish proficiency in the broad field of surveying.

CONCLUSION

Land Surveying is an ancient profession, dedicated to establishing boundaries as prescribed by law, disregarding outside influences.

It is a profession dedicated to high moral and ethical standards and devoted to the maintenance of the public trust in the land title system.

Properly established land monumentation is essential to maintain order and avoid litigation in a free enterprise, civilized society; for the lack of it caused confusion and disputes which eventually add substantially to the cost of surveying.

The public lacks the knowledge to evaluate the surveying profession; therefore, it is incumbent on the state to examine and regulate surveyors if the public is to be protected.

Would you go into the field ill-equipped?

Not today you wouldn't! The competition would outdistance you. But there's more than your equipment to worry about. What about **you**? Are you prepared to exercise the technical and discretionary judgements required by your profession? Maybe you are, but a library of background and reference material wouldn't hurt you. And we know where to get it . . .

The American Congress on Surveying and Mapping (ACSM) . . .

- Publishes a quarterly journal filled with articles of importance to the land surveyor and cartographer.
- Publishes a quarterly bulletin aimed specifically at the land surveyor.
- Has a "bookstore" of published materials on various aspects of land surveying and cartography available to its members.

There are many benefits in belonging to ACSM, but just those that make you a better-informed surveyor are well worth the cost of membership. Write or call today for a membership application.

American Congress on Surveying and Mapping
210 Little Falls Street
Falls Church, Virginia 22046
Telephone: (703) 241-2446



November 16, 1978

Mr. Roger Woodfill
202 West High Street
Lawrenceburg, Indiana 47025

Dear Roger:

I don't know if you got all the answers you needed concerning Texas surveyors vs. the Sunset Commission from Bob Lee, so I will share my notes with you, also. Most of the information I got came from Betty Pope, who has been the Executive Secretary of the Texas Public Surveyors Registration Board since its inception, and is naturally a little biased. Her phone number is (512) 452-9427, in case you might want to call her.

The Texas Sunset Commission is composed of four Senators and four Representatives (mostly renegades and freshmen—not a high prestige appointment). The Commission, in reviewing each Board and Agency, could choose among four alternatives:

1. Abolish;
2. Leave as is;
3. Leave, but modify;
4. Make no recommendation.

The Commission, not being able to achieve a consensus, chose number four.

Therefore, without a specific vote of the 1979 Legislature, the Public Surveyors Registration Board will go out of existence on 9/1/79, and all its funds and properties will revert to the general fund. The practice of surveying in Texas would then be unregulated—open to anyone. Senator Lloyd Doggett, the original designer of the Sunset Bill, is a strong advocate of this course of action. He foresees a policy of "caveat emptor" with regard to surveying quality, with the consumer having recourse through the courts for inadequate performance.

Practically speaking, if the Sunset Commission staff (Ph.D. candidates and ivory-tower unemployables, according to Ms. Pope) recommendations are followed, the Public Surveyors Board and a number of others (25 or so) will be grouped under a Central Licensing Agency, with central executive staff and investigators, etc.—similar to the present set-up in Colorado. Unfortunately, this will probably result in twenty-six subcommittees, each working about as the individual boards do now, but with another bureaucratic layer at the top—and only the top person answerable to the Governor, and therefore the electorate.

Colorado's plan is reportedly not working successfully, since their Central Agency is spending more than the previous combined total of all the separate agencies. (The Public Surveyors Registration Board in Texas operates without cost to the taxpayers at the present time—supported entirely by fees.)

The next hearing of the Sunset Commission is scheduled vaguely for sometime in October, November, or December. If the prognosis is still negative, Texas Surveyors Association is considering going to a strong association licensing, similar to AMA or ABA. As I hear more, I'll let you know.

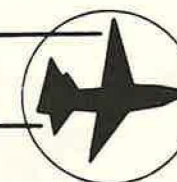
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M. N. Franklin
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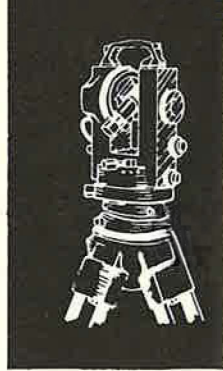
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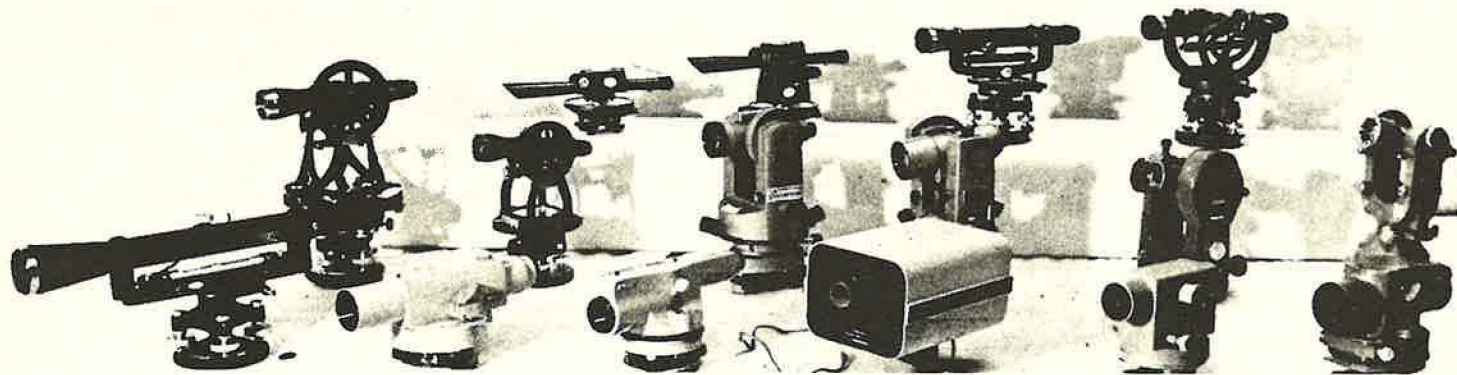
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The following ISPLS items are available for purchase from Society Headquarters in Indianapolis:

- Public Relations Brochures (20 for \$1.00)
- Careers in Surveying and Mapping booklet (\$.50 each)
- 1978 Roster of ISPLS Members (\$1.00 members/\$5.00 non-members)
- Past issues of the Hoosier Surveyor newsletter (\$1.00 each)

DELEGATE REPORT

1978 ACSM Fall Convention and Exhibit

Albuquerque, New Mexico

by

Byron M. Brady

1978 Delegate from ISPLS, Inc.

From your delegate's point of view (in retrospect), the fall convention involved attending 6 meetings dealing with our profession, 3 social functions and 2 encounters with the University of New Mexico's South Golf Course.

The social functions and the golf will not be a part of this report.

The business meetings listed chronologically below began at 8:00 A.M. Monday, October 16, and with the exception of Monday afternoon and Thursday morning went through 6:00 P.M. Friday, October 20.

- | | |
|---|------------------|
| A. LSD General Membership | (Delegate) |
| B. Legislative Liaison Committee | (Monitored only) |
| C. Presidents & Chairmen of Sections & Affiliates | (Monitored only) |
| D. Great Lakes Council of Affiliate Societies | (Delegate) |
| E. LSD Board Meeting | (Monitored only) |
| F. ACSM Board Meeting | (Monitored only) |

President Woodfill managed to get away from his busy schedule to attend the convention so I will leave the reporting on Item C above in his capable hands.

A. LSD General Membership Meeting - Called to order by Chairman John G. McEntyre at 8:00 A.M. Monday, October 16.

1. Chairman McEntyre reported that LSD is communicating with ASCE & AIA in an effort to place the land surveyor in sole responsibility for Right-of-way and Construction surveys.
2. Request for nominee forms for Surveying Excellence Award will appear in the publication POB.
3. It was pointed out that there is a noticeable lack of articles for publication in the bulletin or journal from the membership. The articles need not be lengthy or grammatically perfect but rather, anything that you feel would be of interest to your fellow surveyors.
4. Gene Stoner, Florida, Chairman of the Sunset Legislation Committee read a position paper that his committee prepared regarding sunset legislation that would support the registration boards of land surveyors and engineers. This paper will be distributed by ACSM to the Sections and Affiliates where it can be used to strengthen the position of our registration boards.
5. As reported earlier, sunset legislation has effectively eliminated the registration board for surveyors in Texas by making no recommendation to preserve it. Thus, unless new legislation is enacted, the Texas Board of Registration for Land Surveyors will cease to exist in September of 1979. Robert Lee of that state made an appeal to the membership of LSD for financial support in their struggle to bring about the needed legislation.
6. Don Bender, California, Chairman of the Legislative Committee reported that the Model Procurement Code is in the final review process, and that the amendment to the Brooks Bill is high on their priority list. He also reported that his committee is continuing to work with the Bureau of Census & Labor to remedy some misinformation in their publications affecting the surveyor's professional status.

B. Legislative Liaison Committee - Don Bender, Chairman - Mr. Bender gave an in-depth update on the status of the following items his committee is working with:

1. Surface Mining & Reclamation Act - Public Law 95-87
2. Occupational Licensing
3. Career education
4. Uniform guidelines for employee selection
5. Brooks Bill
6. Census questionnaire
7. Standard Occupational Manual
8. National Apprentice Program
9. ABA Model Procurement Code
10. Federal Regulation of Lobbying Act
11. Political Action Subcommittee
12. Conference on Federal Programs of Architect-Engineer Services (COFPAES)
13. Status of contributions to legislative fund
14. Accounting procedures for contributions
15. Additional subcommittees needed

D. Great Lakes Regional Council of ACSM Affiliate Societies - Wednesday, October 18, 1:00 P.M. - Member Societies: Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, Wisconsin

1. Bernard H. (Bernie) Larson nominated and elected secretary-chairman for 1978-79
2. Advertising guidelines discussed. Each delegate requested to assemble his state's policies and/or guidelines for advertising of land surveying services and mail to secretary-chairman prior to Jan. 1, 1979. An attempt will be made to finalize an acceptable advertising guideline for GLRC at the Spring meeting in Washington.
3. Recertification was discussed. Bob Reckert, Iowa, reported that the Iowa General Assembly of 1977 enacted a law that requires all professional or occupational licensees to participate in a continuing education program as a condition of license renewal. This is the first state to mandate such requirements for professional engineers and land surveyors. Each delegate was requested to bring an update of his state's position on recertification to the March 1979 meeting.
4. Each delegate was asked to submit a table of contents for his state's Manual of Practice for exchange with other delegates at the March 1979 meeting.
5. Motion was made, seconded and carried, that delegates will exchange directly with each other the minutes of their societies' executive board meetings.
6. James Donahue, Illinois, asked for assistance in determining a definition of responsible charge and direct supervision (for survey field crews). Each delegate is requested to send Jim any information on this subject as soon as possible. Jim will present the council a report on his findings at the March 1979 meeting.
7. A discussion evolved about the possibility and feasibility of changing the boundaries of the areas of LSD representatives. Some of the advocates for change were Minnesota, Iowa and Virginia.

Adjourned - 4:30 P.M.

E. Land Surveys Division Board Meeting - Chairman John G. McEntyre presiding. The following motions were brought to the floor for a vote and were passed.

1. Motion requesting ACSM to produce a publication on the registration laws of all states.

2. Motion to form a study group to consider redistricting of LSD.

3. Motion that LSD Board as a committee of the whole review Rules & Procedures and report at March 1979 meeting.

4. Motion requesting ACSM to place legislation and education as top and equal priority items.

After considerable discussion, the following resolution was submitted by Jack Hill, Director of Area Z, and was subsequently adopted:

October 19, 1978

Resolution to ACSM Board of Directors from LSD Board of Directors

WHEREAS: The American Congress on Surveying and Mapping was formed in 1941 to serve the needs of the surveying and mapping professions in the USA and, WHEREAS: The Land Surveys Division of the American Congress on Surveying and Mapping do not feel that the American Congress on Surveying and Mapping as an organization is in fact serving the needs of land surveyors and the land surveying profession

THEREFORE be it know and resolved that:

It is the feeling of the Land Surveys Division Board of Directors that the Land Surveys Division must take a progressive and controlling lead in the destiny of land surveying nationwide.

Involved in this endeavor the Land Surveys Division is willing to continue under the umbrella of ACSM but insists that control of funds from dues, assessment, contributions and other Land Survey Division sources, as well as establishing of priority programs such as legislative and education be under the direction of the Land Surveys Division Board.

F. ACSM Meeting

1. Motion that Sections and Affiliates be assessed \$5.00 for each full member of their society that is not a member of ACSM. First Assessment to be due December 31, 1979. Approved.

2. Motion to increase ACSM dues by 10%. Approved.

3. Report on solicitation for legislative funds:

6800 requests mailed out	
674 responded	
Gross receipts	\$14,638.00
Expenses	2,094.30
Net	\$12,543.70

4. The resolution from LSD Board was read and acknowledged with concern. (See LSD Board Meeting Report). Motion was made and approved to return the resolution to LSD Board for clarification and identification of issues.

5. Motion to authorize vice chairman of divisions to serve as alternate directors on ACSM Board in absence of chairman. Approved.

6. Motion made for provision of write-in candidates for all offices of ACSM except president and president-elect. Approved.

7. Fiscal & Administrative Matters (FAM) Committee Report

Needed - Executive Director (Robert E. Herndon Resigning pay scale 30-35 thousand)
Director of Education - pay scale 20-25 thousand
Publication Manager

Resumes to be submitted by Jan. 15, 1979

8. Legislative Liaison Committee Report - Don Bender, Chairman.

- a. Motion was made and unanimously carried to fund an immediate effort to pass an amendment to the "Surface Mining Control and Reclamation Act of 1977" (See Hoosier Surveyor-Winter 1978 issue) that would be favorable to surveyors. The funds are not to exceed \$15,000.00 and are to come only from donations received from the membership for this purpose.

This was a landmark motion and the fact that it was unanimously carried is important since this is the first time in the history of ACSM that it has funded a legislative effort.

It was requested that the progress of the effort be reported to the Sections & Affiliates on a regular basis.

- b. Motion made and unanimously passed that an additional \$5,000.00 be made available as a retainer for Washington attorney, Leonard Homa, to be expended between Jan. 15, 1979 and Feb. 15, 1979, in an effort to rewrite the Federal Procurement Regulations Act.
- c. Motion made and unanimously passed to authorized up to \$500.00 per month as reimbursement for operating expenses of the Legislative Liaison Committee.
- d. Motion made and passed to reserve \$600.00 from LSD travel fund to have ACSM representative, Leroy Middleton, attend the Conference on Federal Procurement of Architects and Engineers Services Seminar (COFPAES) November 9 & 10 in San Francisco.

9. Membership Development - Harold Charlier, Wisconsin, Chairman
David White, Oklahoma, Reporting

- a. Committee will place ads in state newsletters promoting membership.
- b. Committee will man ACSM booth at state society annual meetings.

Meeting adjourned Friday, October 20, at 6:00 P.M.

I came away from this convention with a feeling that something concrete had been accomplished. The decision by the ACSM Board to fund legislative efforts and by the LSD Board to give education and legislative matters top priority makes me realize that ACSM is the vehicle through which the land surveyor can make his voice heard at the national level.

For those of you who are not yet members of ACSM, I urge you to fill out the application blank in the back of the Hoosier Surveyor and mail it today.

As our numbers grow, our voice gets louder.

Respectfully submitted,

SUSTAINING MEMBERS

The following are sustaining members of the Indiana Society of Professional Land Surveyors. The Society appreciates their continued participation and encourages your support of these firms.

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2140 S. Wolf Road
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Chicago, IL 60639

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1775 Wiehle Ave.
Reston, VA 22090



THE MEASURE OF A GOOD SURVEYOR . . .

The nature of land surveying demands that all possible evidence be gathered before the surveyor makes his decisions. A good surveyor searches relentlessly for such evidence, including the testimony of others. We agree that it is a good practice to listen to what others have to say . . . not only on land surveying problems but other matters as well.

For example, we could give you a sales pitch for joining the American Congress on Surveying and Mapping (ACSM), but we'd prefer sharing with you the "testimony of others".

"Just a note to let you know that I am extremely pleased with my membership in ACSM. The group insurance program available to members provides excellent coverage at reasonable rates. My premiums have been reduced substantially by generous annual dividends. Would highly recommend this insurance program, especially to employers who wish to provide a very worthwhile, yet low cost benefit to their employees".

G. K.

"I recently purchased your booklet relating to the surveyor in court. Many thanks for putting these fine articles together under one cover. Not only was I pleased with its contents but the cost was quite nominal. Hope you compile articles on other subjects".

H. M.

"Where else could I go for such a variety of articles and information on land surveying? As a surveyor I would be remiss in my professional duties by not seeking the knowledge and information available through ACSM. Keep up the good work".

B. R. H.

We've just read the "testimony of others" who have taken the time to tell why they're pleased with their ACSM membership. If you are not already a member we would like you to consider the evidence and decide to join us.

Telephone or write:

American Congress on Surveying and Mapping
210 Little Falls Street
Falls Church, Virginia 22046
(703) 241-2446

The following is a list
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Indiana Surveying Co., Inc.
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O'Brien Engineering
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Madison, IN 47250

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Indianapolis, IN 46220

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Columbus, IN 47201

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10505 N. College Avenue
Indianapolis, IN 46280

ISPLS CONTRIBUTIONS TOWARD INITIAL POINT MONUMENT

As reported in the summer issue of the HOOSIER SURVEYOR, the Society solicited funds from its membership so that it could contribute to the building of a replica monument in the court house square in Paoli, Indiana. The Society is happy to report that \$1000 + was contributed to Indiana Historical Landmarks Inc. and that the membership backed this project by sending in contributions of \$1185. Considering the cost of the mailing and postage involved in the solicitation, the planned undertaking just about broke even. The board of directors wishes to recognize and thank those listed below who made contributions. A story and pictures of the October 1978 dedication will appear in the next issue of the Newsletter.

Stephen E. Schultz
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March 1975

MEMBERSHIP APPLICATION

Member____, Junior____, Associate____, Student____, (check one.)

Annual dues payable on February 1, of each year are for: Member \$50.00 or Associate \$30.00, Junior \$25.00 and Student \$5.00.

Name____ Position____
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City____ Zip____ Business Address____
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S.I.T.#____ R.L.S.#____ R.P.E.#____

Member of American Congress on Surveying and Mapping____ Yes____ No____

Member of a local chapter of ISPLS Inc.?____ Which Chapter?____

MEMBERSHIP CLASSIFICATIONS

MEMBER ---- Registered in Indiana as Land Surveyor. Member is entitled to vote, hold office, and participate fully in the Society.

JUNIOR ---- Actively pursuing the goal of becoming registered as a Land Surveyor. Junior is entitled to vote and participate fully in the Society, but is not entitled to hold office.

ASSOCIATE -- Associated or affiliated with the Land Surveying Profession but is not qualified to become registered. Associate is not entitled to vote or hold office, but will receive newsletter and will be invited to participate in meetings.

STUDENT ---- Same eligibility requirements as for Junior, except membership may be used only by full time students, and for four years only. Students are entitled to the same benefit as Associates.

**PUBLICATIONS AVAILABLE FROM
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I.S.P.L.S. Surveying Publication Series

Quantity	Publication	Cost to Member	Cost To Non-member
_____	Manual No. 1 - <u>The Perpetuation of Corners in Indiana</u> by John G. McEntyre (June 1972), 100 pages.	\$ 5.25	\$ 7.50
_____	Manual No. 2 - <u>The Indiana State Plane Coordinate System</u> by Kenneth S. Curtis (June 1974), 196 pages.	\$ 5.25	\$ 7.50
_____	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, (April, 1975), 120 pages.	\$ 5.25	\$ 7.50
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_____	Manual No. 5 - <u>Computer Programs (HP-65 Documentation)</u> by Charles C. Campbell (February 1976), 219 pages and contains 50 surveying programs.	\$30.00	\$45.00
_____	Manual No. 6 - <u>Establishment of Boundaries by Unwritten Methods</u> by John G. McEntyre (June 1976), 171 pages.	\$ 5.25	\$ 7.50
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\$1.50 postage to be added to each order.

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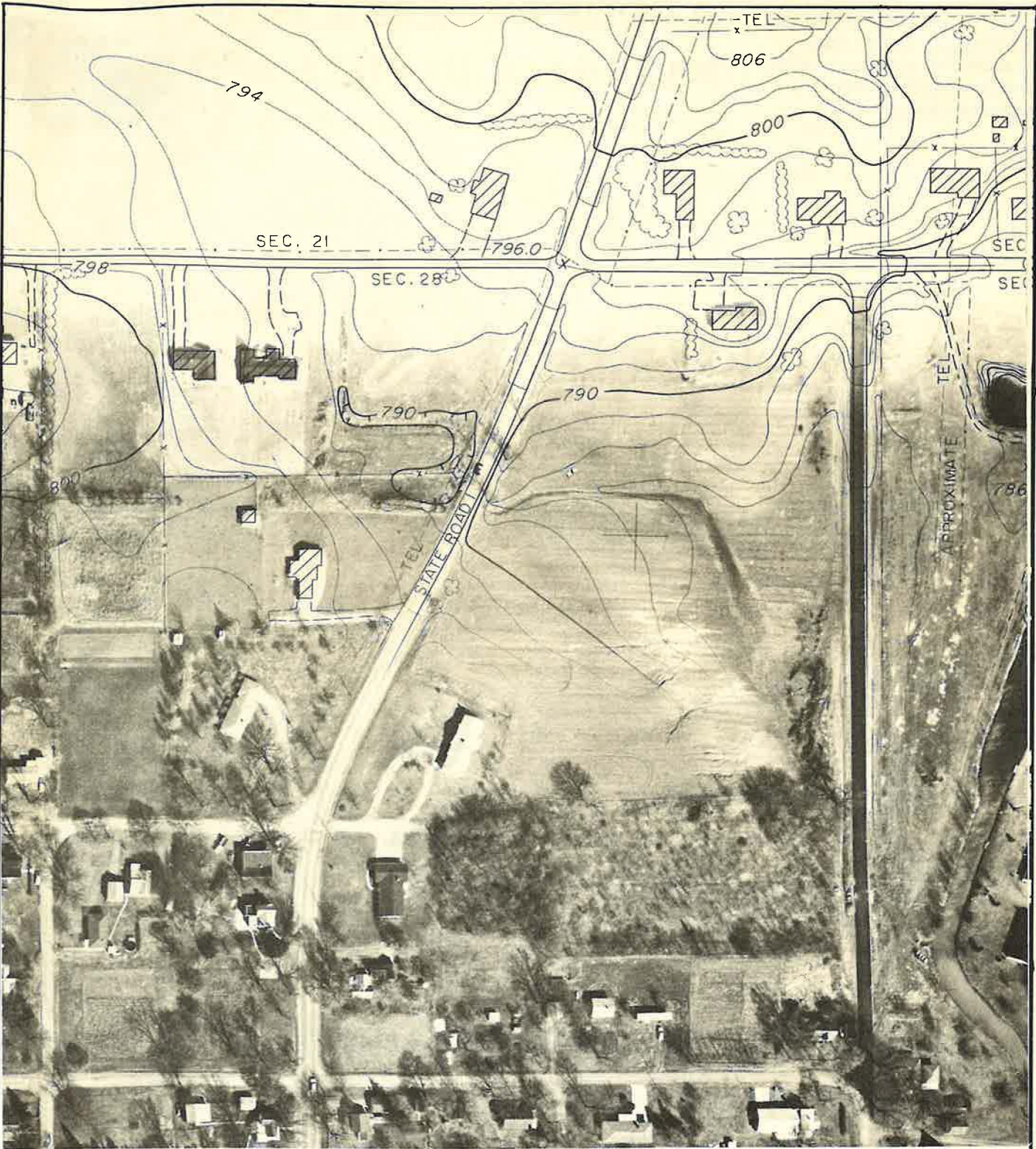
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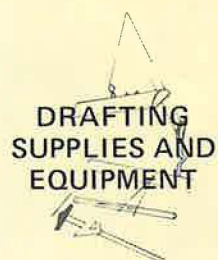
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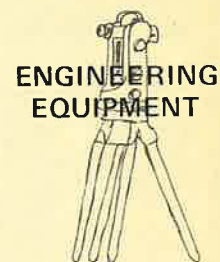
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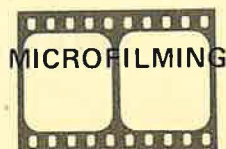
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