

SURVEYOR

HOOISER



VOLUME 8
NUMBER 2
SPRING 1981



Indiana Society of Professional Land Surveyors, Inc.

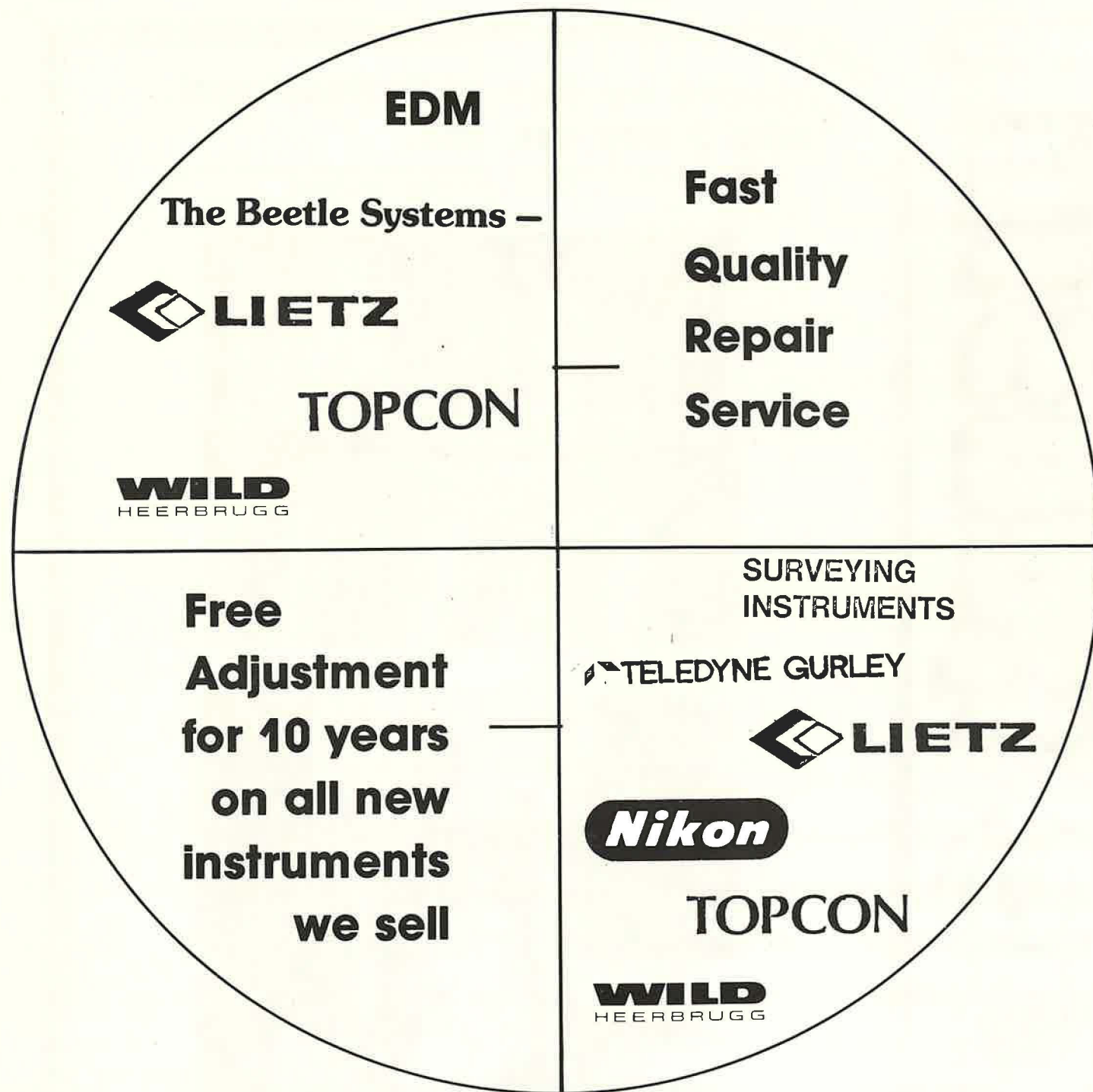
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HOOSIER SURVEYOR

VOLUME 8, NUMBER 2, SPRING 1981

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COVER: The ISPLS surveying reference library is now ready to use. There are over 200 books and manuals in the library housed at the ISPLS state headquarters office in Indianapolis. Secretary Peggy Archer is ready to assist you in using these references. The policy on check-out of books is printed in this issue of the *Hoosier Surveyor*. Read them carefully!

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

The *Hoosier Surveyor* is composed and reproduced by Marbaugh Engineering Supply Co., Inc., Indianapolis, IN.

The *Hoosier Surveyor* is published quarterly by the *Indiana Society of Professional Land Surveyors*, to inform land surveyors and related professions, government officials, educational institutions, libraries, contractors, suppliers, and associated businesses and industries about land surveying affairs.

Editorial/Advertising offices: 8714 E. 21st Street, Indianapolis, IN 46219 (Telephone 317/899-3685) Advertising rates, closing dates, circulation data on request. Contributed articles, photographs subject to space limitations.

Kenneth S. Curtis
Editor

Gary Kent
Associate Editor

THE PRESIDENT'S PAGE

Guest Editorial

By Ken Curtis
board member

The new ISPLS By-laws call for the Society's year to change from a calendar year to one beginning July 1 of each year. Therefore, the 1980 president, Chuck Budnick, served for fifteen months until April 1, when the new president, David Wolf, took over the office. He will also serve fifteen months, with a term ending June 30, 1982.

Board meetings are held once each month generally at Society headquarters in Indianapolis. The board was elected at the ISPLS Annual Meeting this past January in Merrillville. The new board also took office on April 1, 1981. Dean Hamilton was originally elected to the office of secretary, but he has subsequently resigned and Bob Bigelow was elected to that post.

The first six-months of 1981 was isolated as a separate dues-paying period of one-half year and as a result, one-half year dues were assessed. Dues for the 1981-82 year will be assessed this summer for the coming year. The 1981-82 budget is published elsewhere in this newsletter.

Peggy Archer, our secretary, works a three-day week, office hours are Mon., Wed., Fri., 8:00-4:30 p.m. As is noted in this newsletter, the reference library is ready for membership use. Please read the policy on loan of books.

The Annual Meeting and Workshops not only contribute to the educational needs of our members, but furnish a tangible income (over expenses) to the Society. As examples, the profit of the Fall 1980 Workshop was \$2,137, the 1981 Merrillville Annual Meeting was \$1,787, and the Spring 1981 Workshop was \$3,119. The Northwest Chapter which hosted the Merrillville meeting received \$400 as its share. They plan to use it for the establishment of a scholarship fund. The Society is indeed grateful to those who spend so much of their time directing these events.

As a parting thought — As perennial newsletter editor, I have seen many good, efficient, and talented presidents serve ISPLS through the years, but I must commend last year's president, Chuck Budnick as being the most devoted and hardest worker. He spent endless hours at the task of representing us in the land surveying profession to the people of the state of Indiana. *Three cheers for a job well done!*



David K. Wolf
President



New Officers

1981-82 ISPLS officers elected at the Merrillville Annual Meeting in January were, seated left to right: John Whitlock, president-elect; David Wolf, president; Jud Rouch, vice-president; standing, Dean Hamilton, secretary; and Jacob Hall, treasurer.

IMPORTANT DATES TO REMEMBER

August 9-18, 1981

International Congress of Surveyors, F.I.G., Montreux, Switzerland

September 8-12, 1981 and September 14-16, 1981

ACSM-ASP Fall Convention, San Francisco Hilton, San Francisco, California; and reconvened sessions in Sheraton Waikiki, Honolulu, Hawaii

October 16-17, 1981

Fall Workshop, Indiana Society of Professional Land Surveyors, McCormick's Creek State Park, Spencer, IN. Topic: Storm Drainage Design

November 13-14, 1981

Two-day Technical Meeting of Western Great Lakes Region of ASP and Southern Lake Michigan section of ACSM in Chicago area. Watch for details.

January 27-30, 1982

1982 Annual Meeting of Indiana Society of Professional Land Surveyors, The Atkinson Hotel, Illinois at Georgia streets, Indianapolis, IN.



New Board of Directors

The ISPLS board of directors who were elected to serve during 1981-82 are pictured at the Merrillville Annual Meeting in January. They are, seated left to right: John Whitlock, Indianapolis; Jud Rouch, West Lafayette; Dean Hamilton, Indianapolis; David Wolf, Garrett; Jacob Hall, Indianapolis; standing, C. A. Budnick, Noblesville; Kenneth Curtis, West Lafayette; Jack Irwin, Indianapolis; William Andrews, Valparaiso; and William Davis, Ft. Wayne. John Madden, LaGrange, was absent when the picture was taken.



Board being Inducted

The new ISPLS board of directors was inducted at the Merrillville Annual Meeting by past-president Roger Woodfill, Lawrenceburg. It was one of the highlights of the Friday evening closing dinner-dance.



Indiana Surveyors Well Represented in Washington

Mr. Ed Miller, publisher of P.O.B., caught this picture of the Indiana "delegation" at the Old-Timers Dinner held in conjunction with the Annual Meeting of the American Congress on Surveying and Mapping held at the Washington Hilton in March 1981. Pictured left to right, Kenneth Curtis, ye olde newsletter editor; with five past presidents of the Indiana Society of Professional Land Surveyors, Neil Franklin, now of Buda, Texas; James Dankert, Indianapolis; John McEntyre, West Lafayette; Roger Woodfill, Lawrenceburg; and C. A. Budnick, Noblesville. Curtis, Franklin, and McEntyre currently serve on the ACSM national board of directors and Woodfill serves as area 4 director of NSPS. The dinner was in honor of Lewis Boyd, Newton, Kansas, who received the 1981 ACSM Land Surveying Excellence Award. For eight years he has served as secretary-treasurer of the Land Surveys Division of ACSM.

Field Technique

Sixteen or more years ago, Sandstone Sam of *Geotimes* fame reported that in an exam in Field Geology, a geology major who had had summer field experience answered the question, "How to measure the height of a cliff with an altimeter" by saying there are four ways:

1. Tie a string to the altimeter and lower it from the top of the cliff to the base; then measure the string.
2. Measure the thickness of the altimeter, then place the instrument against the cliff, mark the top with a pencil, raise the bottom to the pencil mark, and repeat the procedure until the top

ISPLS Annual Convention Announcement

The 30th Annual Convention of the Indiana Society of Professional Land Surveyors will be held on January 27-30, 1982 at the Atkinson Hotel in Indianapolis. The Central Indiana Chapter of ISPLS is planning and managing the convention with Al McConahay and Gary Kent co-chairing the convention committee. Contact Gary Kent at 1922 City County Building, Indianapolis, IN 46204 (317) 633-3355 for information, suggestions, or to volunteer your assistance.

COMPANY VEHICLE GUIDE

Company vehicles are unique in that they are designed and modified along the lines of the private vehicle but are modified in certain areas to provide for situations rarely encountered in private motoring.

1. They travel faster in all gears, especially reverse.
2. They accelerate at a phenomenal rate.
3. They enjoy a much shorter braking distance.
4. They have a tighter turning circle.
5. They can negotiate poor road surfaces and deep holes at twice the speed of private vehicles.
6. Water, oil, battery and tire pressures do not need to be checked as often as private vehicles.
7. The floor is shaped like an ashtray.
8. They only burn gas with the highest octane rating.
9. They do not require to be garaged at night.
10. They can be driven for up to 200 km. with the gas gauge showing empty and oil warning light flashing.
11. They need cleaning less often, especially the inside.
12. The suspension is reinforced to allow for the carriage of worn out iron pins, useless chunks of pipe and snow machines.
13. They have specially designed transmissions which allow the engaging of reverse gear while the vehicle is still making forward progress.
14. The rims and tire walls are designed to allow for colliding with or jumping over gutters, curbs, median strips, ruts and logs.
15. Unusual and alarming engine and transmission noises are easily eliminated by the adjustment of the fitted radio volume.
16. No security is needed. Company vehicles can be left anywhere unlocked with the keys in the ignition and running, and transits and EDM equipment laying in the back.

—from The B.C. Link, March 1981

of the cliff is reached, tally the number of marks and multiply by the measured thickness of the altimeter.

3. Using an accurate stop watch, drop altimeter from top of cliff and time its descent to the base of the cliff. Apply the standard formula, $S = \frac{1}{2} gt^2$.

4. (And least accurate) Read elevation from altimeter at base of cliff, and read elevation again at the top of the cliff. The difference between the two readings should equal the approximate height of the cliff.

— Surveying and Mapping Society of Georgia

Indiana Society of Professional Land Surveyors, Inc.

1981-82 Budget

July 1, 1981 to June 30, 1982

Income	Budget
I-10 Regular Members	\$21,000.00
I-11 Associate Members	1,000.00
I-12 Junior Members	5,000.00
I-13 Student Members	400.00
I-14 Firm Members	5,000.00
I-15 Sustaining Members	2,250.00
I-20 Hoosier Surveyor	1,500.00
I-30 Annual Conference (82)	20,000.00
I-31 Manuals	3,000.00
I-32 Workshops	9,000.00
I-40 Interest	3,000.00
TOTAL	\$71,150.00

P-10 Payroll	10,500.00
P-20 F.I.C.A.	650.00
P-30 Unemployment Compensation	300.00
P-40 Workmen's Compensations	100.00
TOTAL	\$11,550.00
TOTAL EXPENSES	\$67,490.00
TOTAL INCOME	\$71,150.00
<i>Excess of Income over Expenses</i>	\$ 3,660.00

Expenses	Budget
S-10 Office Rent	\$ 5,070.00
S-15 Office Utilities	1,000.00
S-20 Telephone	2,160.00
S-30 Office Supplies	1,000.00
S-35 Copy Expenses	1,000.00
S-40 Postage	1,200.00
S-50 Part-time Secretarial	500.00
S-60 Sales Tax	160.00
S-70 Equipment Repair & Maint.	750.00
S-80 Accounting Service	750.00
S-85 Attorney Fees	350.00
S-90 Insurance	350.00
TOTAL	\$14,290.00

G-10 Hoosier Surveyor	4,000.00
G-11 Newsletter (+ Postage)	500.00
G-20 Misc. Print (Roster update & Misc. Man.)	500.00
G-30 President Contingency	500.00
G-50 A.C.S.M. Delegate & Alternate	1,200.00
G-65 1985 ACSM Conv. Advance	250.00
G-70 Lobbying	1,500.00
G-71 Public Relations	1,000.00
G-110 Annual Conference (82)	17,500.00
G-111 Workshops	6,000.00
G-112 Manuals	1,000.00
TOTAL	\$33,950.00

C-10 Misc. Expense	750.00
C-60 Awards	450.00
C-80 Committee Expenses	500.00
C-81 Membership Development	1,000.00
C-82 Board of Directors Expense	500.00
C-84 Newsletter Editor	1,200.00
TOTAL	\$ 4,400.00

F-10 Scholarship Fund	2,200.00
F-20 Accumulative Fund "A"	100.00
F-30 Library Fund — Maint.	50.00
F-31 Library Fund — Capital	500.00
F-40 Building Fund	100.00
F-50 Equipment Fund	350.00
TOTAL	\$ 3,300.00

ISPLS Chapter Activities

St. Joseph Valley Chapter (centered at South Bend and Elkhart) The 1981 officers of the chapter are:

President: Bob Daake

Vice-President: Jan Ludwig

Secretary-Treasurer: John McNamara

Meetings are held in January, March, May, July, September, and November. There are 33 members of which about 20 regularly attend the meetings. The chapter has purchased two cadastral survey training filmstrips, "Corner Point Identification" and "Restoration of Lost Corners by Proportionate Measurement." They feel that in this way they can help in the educational process of its members. Anyone interested in attending one of their dinner meetings can contact John McNamara, St. Joseph County Surveyor.

Northwest Indiana Chapter (Porter-Lake-LaPorte-Newton-Jasper and Starke Counties) The 1981 officers of the chapter are:

President: James Gorski

President-Elect: Robert Bigelow

Secy/Treas: Don Bengel

Directors: David Pilz, William Andrews

Besides hosting the highly successful 1981 January ISPLS Annual State Convention in Merrillville, the chapter had several dinner meetings at the Another Roadside Attraction on U.S. 30, halfway between Merrillville and Valparaiso. In February, Mr. Norman Tufford, executive director, Northwestern Indiana Regional Planning Commission spoke on their activities. In March, Christos Dovas, district engineer, Corps of Engineers, gave an overview of the Corps activities. In April, Mr. Lee Petcu, project manager, Midwest Steel Erection, presented slides showing the 23-story addition to the Chicago Board of Trade Building. In May, Barry Scharr of Air Maps, Inc. in Elkhart, was the speaker.

Central Indiana Chapter (composed of the following counties: Marion, Hamilton, Hancock, Hendricks, Shelby, Johnson, Boone, and Morgan) The 1981 officers of the chapter are:

President: James Campbell

Vice-President: Frank Hahn

Secretary: Gary Kent

Treasurer: Jacob Hall

Directors: James Dankert, Vorhees Dalton, Al McConahay

The biggest upcoming project is the hosting of the January 1982 Annual ISPLS meeting to be held at the Atkinson Hotel.



1981 officers of Indiana County Surveyors Association are *left to right*, Rollyn Blankenbeker, John McNamara, Kenton Ward, and Don Rock.

Indiana County Surveyors Association

County surveyors representing thirty-six Indiana counties attended the County Surveyor Sessions held in conjunction with the Purdue Road School on March 10-12, 1981 in West Lafayette. Highlights of the session included a discussion on "Ditches and Contracts" by David Wolf, DeKalb County Surveyor, a multimedia slide-tape presentation on "Corner Point Identification" by John McNamara, St. Joseph County Surveyor, and an election of officers for 1981. Officers elected were:

President — Kenton Ward, Noblesville-Hamilton County Surveyor
1st Vice-President — Don Rock, Elkhart-Elkhart County Surveyor
2nd Vice-President — Rollyn Blankenbeker, Jeffersonville-Clark County Surveyor
Sec.-Treas. — John McNamara, South Bend-St. Joseph County Surveyor

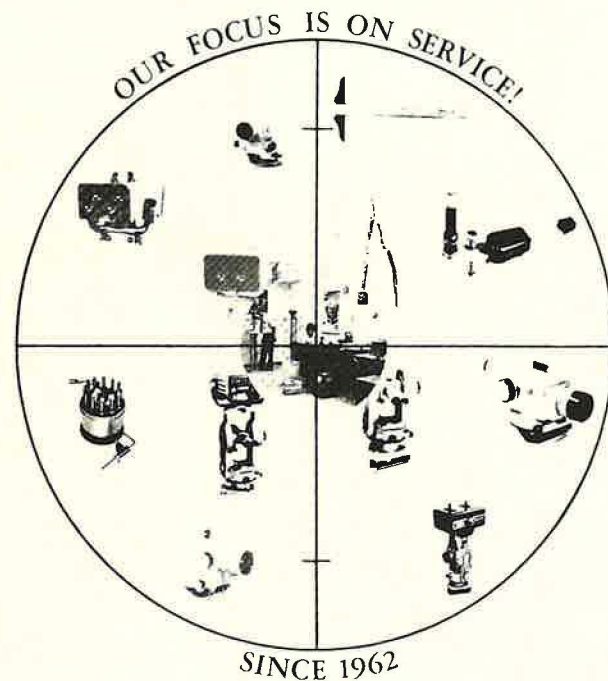
How Many are There?

An old surveyor, in a certain Indiana county (unspecified), died and passed on to his just and deserving place in that metes and bounds subdivision in the sky with his Gunter's Chain, Jacob Staff and Compass. His last request of his beloved wife was that his pall bearers be members of the ISPLS. The little woman was somewhat astonished and ask of him, "Why in the world do you want members of the ISPLS as your pall bearers, because you have never belonged to that society or any other professional organization?" With his last waning breath, he replied, "Since they have carried me this far, they might as well carry me the rest of the way."

(credit for this thought comes from *Turning Points* the Newsletter of the Alabama Soc. of P.L.S.)

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Photo Highlights of ISPLS Spring Workshop on Retracement Purdue University West Lafayette, Indiana May 1-2, 1981



Sixty participants attended the ISPLS Spring Workshop on Retracement held at Purdue University and conducted by Bureau of Land Management personnel.



The two instructors were both from the Cadastral and Mapping Training Staff, Denver Service Center, Bureau of Land Management. They were, *on the left*, Homer Gilson and Ray Harpin. Both had extensive experience and used several multi-media presentations.

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.

AIR: MAPS, INC.
55316 Jay Dee St.
Elkhart, IN 46514

ACCU-AIR SURVEYS, INC.
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1220 "A" Ave. — Freeman Field
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Indianapolis, IN 46226

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2314 N. Fifth St.
Niles, Michigan 49120



Those attending the two-day workshop were exposed to thorough discussions on the restoration of lost corners by proportionate measurement, subdivision of sections, and an introduction to water boundaries.



BY-LAWS

Indiana Society of Professional Land Surveyors, Inc.

NOTICE ABOUT BY-LAWS

The board of directors at the March 21, 1981 meeting, adopted the new By-laws that are printed on the following pages. A few of the changes are:

1. New fiscal year
2. A total of 12 directors — terms to be three years
3. Election of directors
4. Local chapters annual report
5. Alteration and repeal of By-laws
6. Expulsion of members
7. Review of applications by membership committee.

The By-laws are to be ratified by the membership at the annual meeting in Indianapolis, January 27-30, 1982. However, the board of directors would welcome your written comments at this time. If you have any comments concerning the By-laws, mail them before October 15, 1981 to:

Albert L. McConahay
2200 Arapahoe Dr.
Lafayette, IN 47905

Article I Members

SECTION 1. Qualification of Members

The members of this corporation shall be those persons who (a) shall be eligible for membership under provisions of section 3 and (b) shall have been elected to membership upon the recommendation of the membership committee by the board of directors by the vote of the majority of the directors who were present at the meeting of said board which is attended by a quorum of the directors.

SECTION 2. Classes of Members

The members of this corporation shall be classified as follows:

1. Member
2. Junior
3. Associate
4. Student
5. Life
6. Sustaining
7. Honorary
8. Firm

SECTION 3. Qualifications and Privileges

1. **Member:** A member of this corporation shall be limited to registered land surveyors in good standing with the Indiana State Board of Registration for Land Surveyors. A member shall be eligible to vote, hold office and to participate fully in the affairs of the corporation.
2. **Junior:** A junior membership will be granted to those non-registered individuals who are endeavoring to make surveying their chosen career. A junior member is entitled to vote and participate fully in the affairs of the corporation but shall not be entitled to hold office.

Junior members shall, at such time that they become registered land surveyors in good standing with the Indiana State Board of Registration for Land Surveyors, become members without further vote of the board of directors of this corporation.

3. **Associate:** An associate membership will be granted to those individuals who qualify under the following provisions:

- a. Anyone who is associated or affiliated with the land surveying profession but is not otherwise pursuing registration or,
- b. Any non-resident who is registered and in good standing as a land surveyor.

As associate member is not entitled to vote, or hold office but will receive Newsletter and be invited to participate in meetings.

4. **Student:** A student member shall have the same eligibility requirements as those of a junior member, except that this class of membership shall apply for a period of four (4) years only.

A student member is not entitled to vote or hold office, but will receive Newsletter and be invited to participate in meetings.

5. **Life:** Any person holding member status shall be eligible to petition the board of directors to change his membership to that of life member. If the board of directors finds that the member so petitioning has reached the age of 65 years and has been a member of this society for at least 10 years, it shall grant the petition and the member will become a life member. If the board of directors finds that the member so petitioning has not fulfilled the above requirements, the board may grant a petition if it finds that the member has retired from active practice for reasons of health and is no longer engaged in land surveying.

Life members shall be furnished with a life membership card and certificate and such membership shall take effect upon approval by the board of directors. Life members shall not be subject to payment of dues, but shall enjoy all the rights and privileges of full membership in this corporation.

6. **Sustaining:** Any individual, partnership, or corporation who or which are engaged either in the manufacture or distribution of surveying instruments or equipment, or in the compilation or reproduction of maps, or in the performance of services for land surveyors. A sustaining member is not entitled to vote or hold office, but will receive the Newsletter and other benefits, as approved by the board of directors, and will be invited to participate in meetings.
7. **Honorary:** Any member of this corporation may propose to the board of directors the name of any individual for honorary membership. The individual proposed for membership may or may not be a registered land surveyor, but shall be chosen for contribution either to the professional interest of the corporation or by such acts of distinction to the government or the people. Such designation requires the approval of two-thirds (2/3) of the board of directors.

Honorary members shall be exempt from payment of any dues and shall be entitled to all privileges except the right to vote or hold office.

8. **Firm:** Those firms who have registered members who are actively engaged as consultants in the field of land surveying in Indiana.

The dues for a firm member shall be calculated on the basis of the number of personnel, including principal's registered surveyors, designers, draftsmen, technicians (excluding part-time employees), clerical and all other employees on the firm's payroll for the past calendar year. In case of an engineering-land surveying firm, the prorated portion of personnel concerned with, or in general support of the surveying function shall be counted.

- SECTION 4. Expiration:** Each class of membership in this corporation shall automatically and without any notice or hearing or other action by anyone, expire on the thirtieth (30th) day of June of the year in which such member shall have failed to pay the annual dues payable by him for such year, unless said member shall have paid said annual dues on or before the thirty-first (31st) day of August. The board of directors may in its discretion, suspend members becoming unreasonably delinquent and may reinstate delinquent members.

- SECTION 5. Expulsion:** If and when the Ethics Committee shall notify the treasurer that any member either (1) has ceased to be eligible for membership in the class in which he is a member, or (2) has been found guilty of any felony, or (3) has violated any provision of any Code of Ethics, therefore; adopted by this corporation, or (4) has willfully or repeatedly obstructed any purpose or proper activity of this corporation, or (5) has been guilty of any other conduct detrimental to either this corporation or the profession of land surveying, then the secretary shall mail, by registered or certified mail, return receipt, to said member written notice (specifying one or more of said grounds for expulsion) that said member will automatically and without any further notice or hearing or other action by anyone, be expelled from membership in this corporation on the thirtieth (30th) day following the date of the mailing of such notice, unless said member shall show cause, in a written statement delivered to the secretary within thirty (30) days following the date of said mailing why said member should not be expelled from membership. If and when the secretary shall have received any such written statement of cause, he shall notify said member of the time and place of the next meeting of the board of directors when and where said member may be heard with respect to his or its expulsion. After said hearing, said member

may be expelled by the board of directors, said expulsion may be appealed to the next annual meeting of the members held not earlier than thirty (30) days after such expulsion, and such expelled member may be reinstated by the votes of two-thirds (2/3) of the members who vote on a motion to reinstate said former member.

- SECTION 6. Property Rights:** No member as such shall have any right, title or interest in or to any property of this corporation. Upon the death or dissolution of any member or any other expiration of any membership or the expulsion of any member, no payment of any kind or amount shall become payable by this corporation to the former member whose membership has expired or who or which has been expelled.

In the event of dissolution of the corporation, the remaining assets, if any, shall be distributed to an organization or organizations organized for the same or similar purposes as the corporation.

- SECTION 7. Dues:** Unless otherwise adopted by the board of directors, there shall be no entrance fee charged for admission to the corporation.

The annual dues for each fiscal year shall be payable immediately upon receipt of the dues notice.

Honorary and life members shall not be subject to the payment of any dues assessed under the provision of this section.

Article II Membership Meeting

- SECTION 1. Annual Meeting:** An annual meeting of the members of this corporation shall be held once in each fiscal year at such an hour and on such date and at such place as shall have been determined by the board of directors.

- SECTION 2. Additional Meetings:** Additional meetings of the membership may be called by the board of directors, and shall be called by the board of directors, upon the written request of fifty (50) voting members. The secretary shall cause written notice of the hour, date, place and purpose(s) of each additional meeting to be mailed to each member not less than ten (10) or more than thirty (30) days before such meeting. No business shall be transacted at any additional meeting other than that which is designated in the purpose(s) of said meeting as set forth in call and notice of said meeting.

SECTION 3. **Conduct of Meetings:** All meetings of the membership shall be presided over by the president or, if he is not present, by the vice-president or, if he is not present, by the secretary or, if he is not present, by the treasurer or, if none of the officer's are present, by a chairman to be chosen at the meeting. The secretary or an assistant secretary of the corporation, or, in their absence, a person chosen at the meeting, shall act as secretary of the meeting. On all matters coming to a vote, each member, junior member and life member shall be entitled to one vote and all questions shall be decided by a majority vote of the voting members present, unless otherwise provided by law, the Articles of Incorporation, or by these By-laws. All meetings shall be in accordance with "Robert's Rules of Order-Revised."

Article III
Officers

SECTION 1. **Election:** The board of directors shall hold an organizational meeting in the month of July each year to elect from the board of directors, a president, vice-president, president-elect, secretary, and treasurer. The board of directors shall also elect a delegate and an alternate delegate to A.C.S.M. both of whom may or may not be a member of the board of directors. However, said delegate and alternate shall be members in good standing as provided in Article 1, Section 3 of these By-laws.

SECTION 2. **Term of Office:** The term of office of all officer's shall be one year (July 1 to June 30th), but any officer may be removed from office at any meeting of the board of director's by the affirmative vote of two-thirds of the directors then in office, whenever it is in its judgement that the business interest of the corporation shall be served thereby. The board of directors shall have power to fill any vacancies in any office occuring for whatever reason.

SECTION 3. **President:** the president shall be the principal officer of the corporation and guide it's functions. He shall preside at all meetings of the membership and board of directors. He shall have no vote in any matter coming before the board of directors, provided however, in the event of a tie vote, he shall cast the deciding vote. He shall provide the secretary with a copy of all official correspondence which he may conduct for the permanent record of the corporation.

SECTION 4. **Vice-President:** The vice-president shall in the absence or disability of the president perform the duties and exercise the powers of the president and shall perform such other duties as the board of directors shall prescribe. The vice-president shall also be the parliamentarian of the corporation and in all matters of parliamentary procedure coming before the board of directors, his shall be the deciding voice.

SECTION 5. **Secretary:** The secretary shall take or supervise the taking of complete minutes of all meetings of the members and of the board of directors. He shall have custody of the corporation's minute book and of it's corporate seal, if any. Submit to the annual meeting of the members a report covering the business of this association for the previous fiscal year and showing the condition of this association at the close of said fiscal year and give or cause to be given all notices as required by law or these By-laws.

SECTION 6. **Treasurer:** Treasurer shall have custody of and account for all funds and property of this association. He shall keep complete books and record of all financial transactions of this association. The treasurer shall be the chairman of the finance committee and shall perform such additional duties as maybe required of him by the board of directors.

SECTION 7. **President-Elect:** The president-elect shall acquaint himself with the duties of the president and shall contact his committee chairman for the coming year. The president-elect shall ascend to the presidency automatically.

SECTION 8. **Nominations:** The president shall appoint a nominating committee to be composed of five people, each of whom declares he does not seek a directorship for the elective year in question.

The nominating committee shall nominate one or more members for each directorship position that is vacant as a result of expirations of terms, death, resignation or other cause. Said slate shall be reported to the board of directors at its first meeting in September of each year.

Any member of the corporation in good standing may be nominated as a candidate for director by petition, signed by at least 25 voting members in good standing and received by the secretary, no later than the last working day in September. The board of directors shall accept nominees for the ballot at the first meeting in October.

SECTION 9. **Elections:** Letter ballots bearing the names of the nominee together with a return envelope shall be mailed by the secretary to all voting members by November 1. Only ballots returned to the secretary at the corporations administrative offices and postmarked prior to December 31st, shall be canvassed. Such date to be specified on the ballot.

The unopened ballots shall be delivered to the nominating committee as appointed by the president. The nominating committee shall count the votes cast for directors and shall determine based upon which nominee received the greatest number or votes cast, which one of the nominees shall fill the vacant directorship positions. The results of the tally shall be reported by letter, to the board of directors. Each nominee shall be notified by the Administrative Office of this corporation within five days after the ratification of the nominating committee report to the board of directors. The board of directors is authorized and empowered to make rules and regulations covering nominations and elections not inconsistent with these By-laws.

SECTION 10. **Assumption of Duties:** The newly elected board of directors shall assume its duties the first day of the fiscal year.

Article IV
Board of Directors

SECTION 1. **Duties of the Board:** The board of directors shall have vested in it the government of the corporation and its control of the corporation's property.

SECTION 2. **Number and Term of Office:** The board of directors shall consist of twelve (12) members, elected at large.

In annual elections, four (4) shall be elected for three (3) years and it is the intent of this provision that four (4) members shall be eligible to change on the board of directors each annualized period.

SECTION 3. **Quorum and Manner of Acting:** A majority of the members of the board of directors shall constitute a quorum at any meeting and the act of a majority of the members present at any meeting at which a quorum is present shall be the act of the board of directors. A director may participate in a meeting by means of a conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and such participation shall constitute presence at a meeting. The board of directors may also act in writing without a meeting, in

which case the act of a majority of the members shall be the act of the board of directors, provided that such writings shall be filed with the minutes of the proceedings of the board of directors.

SECTION 4. **No Voting by Director having Interest:** No director having any personal interest which might conflict with the interest of the corporation in any matter coming before its board of directors shall vote as a director in such matter.

SECTION 5. **Vacancies:** Whenever any vacancy shall have occurred in the board of directors by reason of death, resignation, removal, increase in the number of directors or otherwise, a majority of the directors then in office, though less than a quorum, may fill such vacancy at any meeting, and the person so elected shall be a director until his successor is elected. The resignation of a director shall be effective upon its receipt by the corporation or a subsequent time as set forth in the notice of resignation. A director may be removed, with or without cause, by a 2/3 vote of the remaining directors; provided, however, that non-payment of dues in accordance with provisions of Article 1, Section 4, shall result in automatic suspension.

SECTION 6. **Meetings:** Meetings of the board of directors may be called by the president. Notice of the time and place as well as the agenda of the meeting shall be given to each member of the board of directors at least ten (10) days in advance of the meeting. Any two (2) members of the board of directors may call such meeting by a written request to the secreatry who shall notify each member of the board of directors in the manner provided in this section.

Article V
Committees

SECTION 1. **General Provisions:** The board of directors shall determine the standing and special committees of the corporation which shall be constituted and shall define the powers and duties of same, and it may at any time abolish any standing or special committee so constituted.

SECTION 2. **Appointment of Committee:** The president, with the advice and consent of the board of directors, shall appoint the members of all committees and designate the chairman of each and instruct such committee in their duties. Meetings of committees may be called at anytime by the president or the chairman of the committee.

SECTION 3. **Reports:** All committees shall make reports periodically to the board of directors and at the annual meeting of the corporation to the membership. Such reports are to be in writing.

Article VI Chapters

SECTION 1. **Formation of Local Chapters:** Local chapters of the corporation may be established by the board of directors upon the petition of the members who wish to form a chapter. The petition shall include a chapter name, the signatures of those members desiring to form the chapter and the area to be non-exclusively served by the chapter. The board of directors may exercise its discretion in determining whether or not to grant permission to form the chapter.

SECTION 2. **Purpose:** The purpose of the chapters shall be to assist the corporation in fulfilling its objectives. The chapter shall actively promote membership in the society. The chapter shall also provide fellowship, guidance and assistance to students and technicians seeking a place in the profession by encouraging them to participate in chapter activities.

SECTION 3. **Local Chapter Status:** A local chapter may conduct its business affairs, assess and collect dues, elect its officers, determine its organizational structure, appoint committees and conduct any business conducive to the profession of land surveying; provided, however, that it shall undertake no project or engage in any activity in conflict with the By-laws or policies of this corporation or in violation of any municipal or county ordinances, the laws of the state of Indiana or those of the United States of America.

SECTION 4. **Meetings:** The chapter shall hold at least two meetings throughout the year. A notice and agenda of the meetings shall be mailed to the chapter members and the corporation president at least ten (10) days prior to the meeting.

SECTION 5. **Annual Report:** The chapter shall present an annual report to the corporation at the annual meeting containing: The names and addresses of all officers and members; a summary of its activities and financial status.

SECTION 6. **Student Chapters:** A student chapter may be established at any accredited or approved educational institution in Indiana upon the submission of a proper petition to the board of directors of this corporation and if the board of directors

finds that sufficient student members of this corporation at the educational institution desire such a student chapter and if the board of directors deem that the best interests of both the educational institution and this corporation will be served by the formation of such a student chapter, a student chapter shall have conferred upon it all rights, privileges and restrictions as set forth in Section 2 of the article.

SECTION 7. **Withdrawal from a Local Chapter:** An area desiring to withdraw from a local chapter or to form a chapter of its own may do so by following the same procedure as outlined in Section 1 of this article. The board of directors of this corporation may terminate or suspend a chapter at anytime for just cause.

Article VII National Affiliation

This corporation shall be affiliated with the National Society of Professional Surveyors, a member organization of the American Congress of Surveying and Mapping or its successors.

Article VIII Fiscal Year

The fiscal year of the corporation shall begin on the 1st day of July and end on the 30th day of June of the following year.

Article IX Amendments

SECTION 1. **Amendments Generally:** These By-laws may be altered or repealed or new By-laws may be adopted in lieu thereof by the affirmative vote of two-thirds of the whole board of directors at any regular meeting of said board or a special meeting of the board if notice of the proposed alteration, repeal or substitution by contained at a notice to the membership and directors at least ten days prior to such meeting. Provided however, that the board of directors shall not make or alter any By-laws affixing their number, qualifications, classifications or term of office.

SECTION 2. **Amendments Relating to the Board of Directors:** Should any amendment to the By-laws relating to the number, qualifications, classifications, or term of office or powers of the board of directors be proposed by a director or member of this corporation, it shall first be submitted to the board of directors and upon its approval submitted to the next annual meeting of members for ratification of the board's approval or submitted to the members at a special meeting of the members as called by the board of directors provided in Article 4 of these By-laws.

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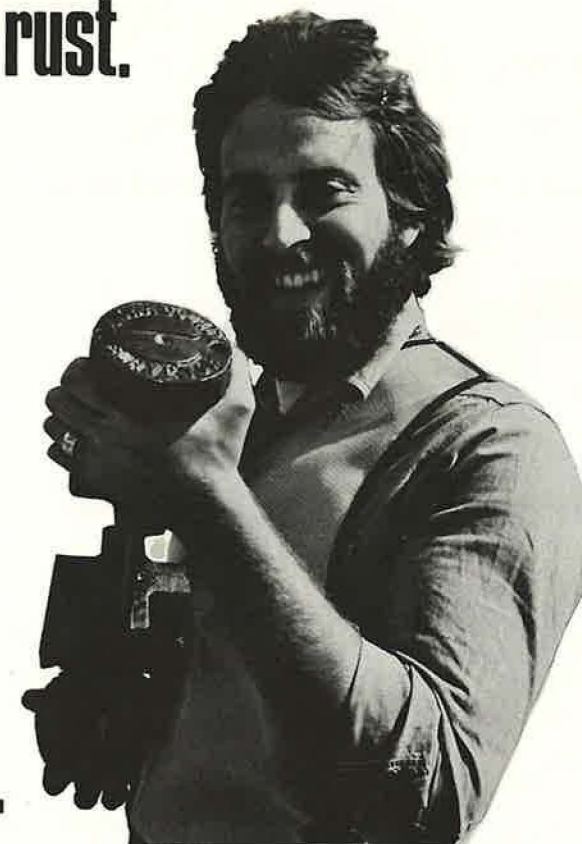


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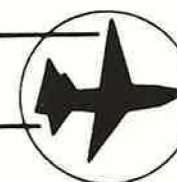
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Recent Deaths

MAY, 1981

Rites Held Tuesday For County Surveyor Lawrence W. Trueblood



Rites were conducted Tuesday at 2 p.m. at the Dawalt Chapel for Lawrence W. Trueblood, who was serving his third term as the Washington County Surveyor. Trueblood was 72 years old. He died Saturday at 5:10 p.m. at the Norton's Infirmary in Louisville.

Trueblood was a 1927 graduate of Salem High School and a 1932 graduate of Purdue University. He was a 49-year member of the Purdue Alumni Association and was a member of the National Society of Professional Engineers and the American Congress on Surveying and Mapping.

In addition, he was a member of the George Rogers Clark Indiana Society of Professional Engineers, the American Society of Agricultural Engineers, the Indiana Society of Professional Land Surveyors, the Soil Conservation Society of America, and the Indiana Registration Board of Professional Engineers and Land Surveyors. He was the treasurer of the Indiana Historical

Landmarks and was a member of the Indiana County Surveyors Association, the K of P Lodge and the Republican Central Committee.

He was retired after 32 years of service in the U.S. Soil Conservation Department.

Trueblood was born in Washington County on April 1, 1909 to Jason and Effie Meadors Trueblood. He married Aurelia Zink in 1934. He was a member of the Salem United Methodist Church, but had been attending the Canton Christian Church.

He is survived by his widow and a son, Richard L. Trueblood, Salem; two daughters, Mrs. Barbara Fromelius, Salem, and Mrs. Cheri Ingram, Salem; a brother, Harold Trueblood, Salem; and a sister, Mrs. Audrey Colglazier, also of Salem. He is also survived by eight grandchildren and two great-grandchildren.

Brother Joe Hollrah and Reverend John Hart officiated the ceremony while the Reverend Noel Spencer conducted graveside services. Interment was in the Blue River Christian Cemetery.

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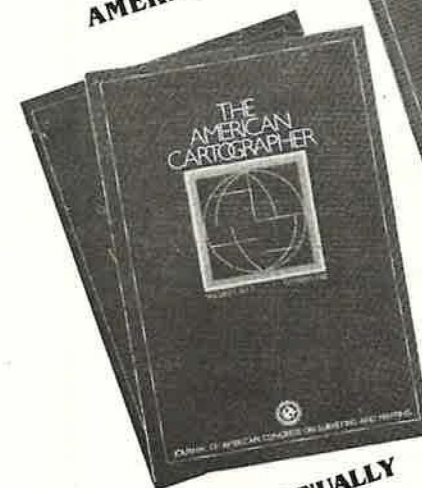
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APPLICATION for MEMBERSHIP



ACSM
AMERICAN CONGRESS ON SURVEYING AND MAPPING



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QUARTERLY



QUARTERLY



FROM CONVENTIONS



QUARTERLY

ACSM is a Non-Profit Professional Association with the following objectives:

- To advance the sciences of surveying and mapping and related fields, in furtherance of the public welfare and in the interests of both those who use surveys and maps and those who make them, and to establish a central source of reference for its members.
- To speak on the national level as the collective voice of the professions embodied within ACSM.
- To contribute to public education in the use of surveys and maps, and to encourage the further development of surveying, mapping, and charting programs.
- To encourage improvement of college curricula for the teaching of all branches of surveying and cartography both in the technological sciences and the professional philosophies.
- To honor the leaders in the sciences of surveying and mapping.
- To support a program of publications that will represent the professional and technical interests of surveying and mapping.

APPLICATION INSTRUCTIONS

General

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

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

How To Apply

- 1. Determine the highest grade of membership for which you are qualified (see back cover).
- 2. Determine which Member Organization you wish to join (in addition to ACSM).
- 3. Complete the Application for Membership.
- 4. Return the completed application to: ACSM
210 Little Falls Street
Falls Church, Virginia 22046
- 5. Enclose the appropriate payment for dues with the application.
Make check or money order payable to ACSM. (For applicants in foreign countries, please draw and remit in U.S. dollars payable at a bank in the United States.)

Dues

1981	
Member	\$50
Associate	\$30
Student	\$10

Membership dues include annual subscriptions to SURVEYING AND MAPPING \$7.00 (\$3.50), ACSM BULLETIN \$7.00 (\$3.50), THE AMERICAN CARTOGRAPHER \$4.00 (\$2.00), and ACSM NEWS \$2.00 (\$1.00). Total \$20.00 (\$10.00). (Student rates are in parentheses.) This notice is required by U.S. Postal Service regulations. These subscriptions are part of your membership benefits and cannot be deducted from your annual dues.

The listed dues include dues for ACSM and one Member Organization, and are for calendar year 1981. If you choose to be a member of more than one Member Organization, add \$10 for each additional organization for Member, or \$5 for each for Associate.

Actions By ACSM

Your application will be processed upon receipt by ACSM. Within about three weeks you will receive a welcoming letter, a decal, and a membership card. You will start receiving all publications in about six weeks. You will also receive any past publications issued during the current year prior to your becoming a member.

APPLICATION FOR MEMBERSHIP

Name: _____
(Mr., Mrs., etc.) (last) (first) (middle initial)

Address: _____
(street and number) _____
(city) _____ (state) _____ (zip or country) _____

Education: (years completed) High School _____ College _____ Highest Degree _____

Experience: (years) Professional _____ Pre-Professional _____ Technical _____ Date of birth: _____

Occupation: _____

☐ Private Business: _____
(if licensed, give type, state and number)

☐ Government: _____
(position classification)

☐ Education: _____
(position title)

☐ Other (specify): _____

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

Read criteria on the reverse side, then check membership applied for:

(check only one)	(you may check more than one, but see instructions)
<input type="checkbox"/> Member	<input type="checkbox"/> American Association for Geodetic Surveying
<input type="checkbox"/> Associate	<input type="checkbox"/> American Cartographic Association
<input type="checkbox"/> Student*	<input type="checkbox"/> National Society of Professional Surveyors

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

I certify the applicant is a full-time student.

Faculty Member Signature _____ Date _____ Educational Institution _____

Date _____ Signature of Applicant _____

Criteria for membership in Member Organizations of ACSM

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

Member

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

- AAGS** Bachelor's or higher degree in a discipline related to geodetic surveying, or professional grade competence in a discipline related to geodetic surveying with eight years experience. Up to four years of relevant education may be substituted for experience.
- ACA** Bachelor's or higher degree in a field of study which would qualify the person for a professional position in cartography or related fields, or four years of active professional experience in cartography or related fields.
- NSPS**
- a licensed surveyor; or
 - a GS-1373 employee classified as a Land Surveyor or Supervisory Land Surveyor; or
 - an academician holding a Bachelor's or higher degree and the rank of assistant professor or higher and teaching in an ABET or CAB accredited or a state land surveying registration board approved surveying program; or
 - a practicing surveyor or surveying teacher who has attained a minimum of six years experience in responsible charge of surveying activities or four years of education and two years of experience may submit credentials for consideration.

Associate Member

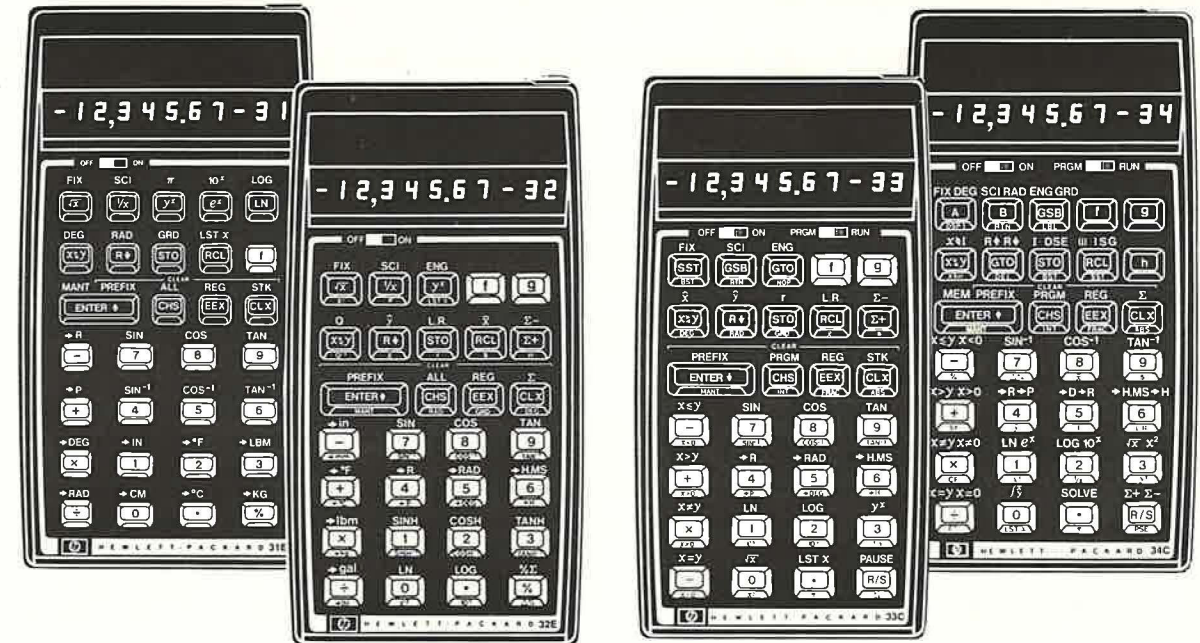
Any person with an interest in surveying, mapping and related fields, not eligible to be a Member as defined above but meeting the criteria stated below:

- AAGS/ACA** any person with an interest in geodetic surveying/cartography who is not eligible to be a Member.
- NSPS** any person who by employment is actively engaged in a program leading to a career in the profession of surveying.

Student Member

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

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APPLICATION FOR MEMBERSHIP

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☐ BUSINESS ADDRESS _____ PHONE _____
Street and Number City State Zip

PRESENT OCCUPATION _____
Firm Name Position

SCHOOL ATTENDING _____
Name Grade

REGISTRATION STATUS _____
L.S., P.E., or S.I.T. Number State

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

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

TYPE OF MEMBERSHIP DESIRED

☐ MEMBER \$70.00

☐ JUNIOR \$40.00

☐ ASSOCIATE \$40.00

☐ STUDENT \$10.00

Check One

REFERENCES

Name	Address	Phone
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

Signature _____ Date _____

MEMBERSHIP CLASSIFICATIONS

- Member:** A member of this Corporation shall be limited to Registered Land Surveyors in good standing with the Indiana State Board of Registration for Land Surveyors. A member shall be eligible to vote, hold office and to participate fully in the affairs of the Corporation.
- Junior:** A Junior Membership will be granted to those non-registered individuals who are endeavoring to make Surveying their chosen career. A Junior Member is entitled to vote and participate fully in the affairs of the Corporation but shall not be entitled to hold office.
- Associate:** An Associate Membership will be granted to anyone who is associated or affiliated with the Land Surveying profession but is not otherwise pursuing registration or any non-resident who is registered and in good standing as a Land Surveyor. An Associate Member is not entitled to vote or hold office but will receive Newsletters and be invited to participate in meetings.
- Student:** A Student Member shall have the same eligibility requirements as those of a Junior Member, except that this class of Membership shall apply for a period of four (4) years only. A Student Member is not entitled to vote or hold office but will receive Newsletters and be invited to participate in meetings.

BECOME AN I.S.P.L.S. MEMBER NOW

Let your voice be heard professionally through the collective voice of ISPLS. Become a part of this professional organization.

WHAT IS I.S.P.L.S.?

Indiana Society of Professional Land Surveyors is a non-profit organization whose objectives are advancement, promotion and protection of the profession of land surveying.

I.S.P.L.S. GOALS

- Promote the common good and welfare of the land surveyor.
- Establishing and maintaining high ethical standards and practices.
- Encouraging professional practices.
- Discouraging unethical and illegal practices and professional abuses.
- Promoting public faith and confidence in land surveyors and their work through education, legislation and public relations.
- Becoming better acquainted with new techniques and procedures related to land surveying.
- Bring about coordination and cooperation between the land surveying, engineering, architectural and legal professions.
- Initiate legislation to improve the profession and prevent adverse legislation from being enacted.

I.S.P.L.S. BENEFITS

- Quarterly issues "Hoosier Surveyor"
- "Compass" newsletter
- Special technical publications
- ISPLS sponsored workshops and training programs
- Technical library
- Yearly convention
- Opportunity to benefit from your contributions of experience and thoughts to the operation of both local and national positions on subjects of interest and concern to your profession.

For additional information, call or write:

INDIANA SOCIETY OF PROFESSIONAL LAND SURVEYORS, INC.
8714 E. 21st Street
Indianapolis, Indiana 46219
(317) 899-3685

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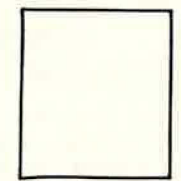


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NATIONAL SOCIETY OF
PROFESSIONAL SURVEYORS



Two Vincennes University Students Receive ISPLS Scholarships



Two Vincennes University students in the two-year Surveying Technology program were awarded ISPLS scholarships at a university-wide honors convocation on Saturday morning, May 2, 1981 which preceded graduation exercises in the afternoon.



ISPLS president, David Wolf, *right*, made the presentations with Prof. Art Haase, Vincennes University, *left*, also participating. Scholarship awardees were Ken Garrison, *left*, Newburgh, IN (\$400 scholarship) and Robert Wilkinson, Washington, IN (\$100 scholarship).

101 Colonial Court
Newburgh, IN 47630
May 12, 1981

Mr. David Wolf, President
Ind. Society of Prof. Land Surveyors
8714 East 21st Street
Indianapolis, IN 46219

Dear Mr. Wolf,

I wish to thank you and the ISPLS again for the scholarship I received to attend Vincennes University next year. It was a pleasure to meet you at the presentation ceremony and I hope to see you again at next year's convention.

Again, thank you for the scholarship. I will do my best to justify your faith in me.

Sincerely,

Kenneth G. Garrison
Kenneth G. Garrison

Meeting Announcement ASP Region/ACSM Section November 13th & 14th, 1981

The Western Great Lakes Region of the American Society of Photogrammetry and the Southern Lake Michigan Section of the American Congress on Surveying and Mapping are sponsoring a technical meeting to be held in the Chicago area on November 13 and 14, 1981. The meeting features a series of tutorial seminars presented by experts in the fields of surveying, photogrammetry, cartography, and remote sensing. The program includes something for everyone with topics of interest for students, professionals, educators, researchers, and technicians. Speakers from the following are on the program:

The National Geodetic Survey, the Defense Mapping Agency, the United States Geological Survey, the EROS Data Center, the University of Wisconsin, the University of Illinois, Purdue University, Chicago Title and Trust, and the Sidwell Company.

A tour of the facility at Chicago Aerial Survey is also scheduled. There will be a banquet which features ASP National President George Zarzycki and ACSM National President Joel Morrison as speakers.

Advance registration fees have been held intentionally low (\$3.50 for students and \$10.00 for others). Registration at-the-door fees will be higher. For further details and advance registration forms contact:

ASP

Ron Lampe
Chicago Aerial Survey
2140 S. Wolf Road
Des Plaines, Illinois 60018
(317) 298-1480

ACSM

Charles O'Connor, Supt.
Bureau of Maps and Plats
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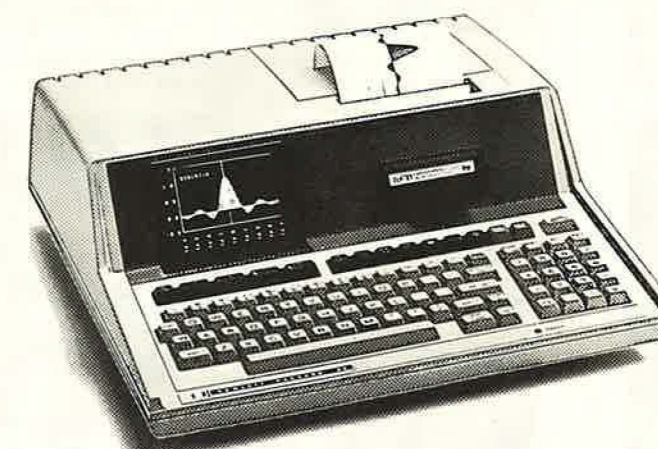
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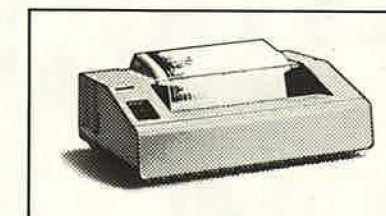
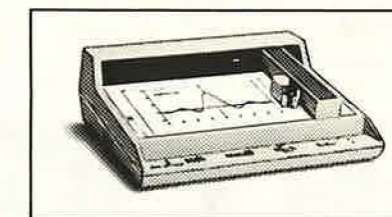
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3675 NORTH POST ROAD



Highlights of 9th Annual Recognition Dinner of Purdue Student Chapter A.C.S.M.-I.S.P.L.S. April 1981



Over one-hundred students, faculty, alumni, family, and friends attended the dinner held at The Trails on April 11, 1981. The guest speaker for the evening was Prof. Joel Morrison, Madison, Wisconsin, national president of ACSM. He was introduced by C.J. Biewenga, Hammond, Indiana, student chapter chairman, and spoke on the "Education of the Modern Cartographer."



David Wolf, left, ISPLS president, awarded Brian Wood, Zionsville, Indiana with the \$1,500 ISPLS Scholarship Award for juniors.



May 1981 graduates attending dinner included, *seated left to right*, Todd Beers, West Lafayette; Rita Brockman, St. Meinrad; Jeff Meyerson, Rochester, N.Y.; John Lyons, Madison; Jeff Meyerrose, Greensburg; *standing*, Neil Darling, Guilford; Clyde Biewenga, Hammond; Frank Ballintyn, Wilmington, DE; Jerry Miller, Jasper; and John Ledford, Milton.



Todd Beers, left, of West Lafayette, Indiana received the Faculty Award from Prof. Curtis as the Outstanding 1981 Graduating Senior among the nineteen land surveying graduates during 1981.



Gary Kent right, representing the Central Indiana Chapter, ISPLS, presented Kevin Barkdull, Fairmont, Indiana with the \$300 CIC ISPLS Scholarship Award.



Several other seniors will be graduating in August or December, 1981. Attending the dinner were, *seated left to right*, Robert Griffin, Mooresville; Jay Canine, Anderson; William Sorfleet, Chicago; Paul Maurer, Lacona, N.Y.; *standing*, Bill Schmidt, Indianapolis; Jeff Fansler, Lizton; Ken Buzbee, Mentor, OH; and Martin Burke, Olympia Fields, IL.



1981-82 school year officers of Purdue Student Chapter, ACSM-ISPLS, are, *seated left to right*, Wilbur Peak, New Albany, vice-chairman; Brian Wood, Zionsville, chairman; Paul Colchin, Decatur, treasurer; *standing*, Will Oren, Kokomo, secretary; and Bill Schmidt, Indianapolis, director.



Pictured with Prof. McEntyre (at a later time) are two other outstanding seniors who received ACSM Membership Awards. They are Bill Schmidt, left, Indianapolis, and Gerald Miller, Jasper.

Lambda Sigma

LAMBDA SIGMA INITIATION

In December 1980 five new undergraduate land surveying students and one graduate student were initiated into the Purdue University land surveying honorary, Lambda Sigma, which was founded in April 1978 on the Purdue campus in West Lafayette. The honorary is open to distinguished land surveying students in the top quarter of the junior class and the top third of the senior class. Recently, membership has been offered, retroactively, to qualified graduates of previous years. Prof. Kenneth Curtis serves as faculty advisor.



New initiates in December 1980 included, *seated left to right*, Carl Stoakes, William Schmidt, Paul Colchin; *standing*, William Oren, Brian Wood, and Hughart Brown.



1980-81 school year officers of Lambda Sigma are, *left to right*, Todd Beers, treasurer; Gary Carlile, vice-president; Jay Canine, secretary; and Gerald Miller, president.



Group picture of new initiates and actives at December 1980 initiation exercises and dinner. Prof. Harold Michael, Head, School of Civil Engineering, spoke briefly.

ISPLS Library Ready to Use

The 1980 ISPLS board of directors authorized the creation of an ISPLS surveying reference library at ISPLS state headquarters in Indianapolis and budgeted some money to purchase the first selection of books. After a year of activity involving the purchase of books, bookcases, processing, cataloging, shelving, and policy deliberations, the library has been declared ready for the use of Indiana land surveyors.

Almost 200 books and manuals on surveying and related area are presently on hand in the library. Most of the books were purchased from Land-mark Enterprises, Land Surveyors Seminar, and CARBEN Surveying Reprints. Some manuals and handbooks were already on hand at ISPLS headquarters. Others have been donated by members from their personal collections, notably Lloyd Kemmer (22 books) and Ken Curtis (20 books). Another extensive collection of books has been donated by Stephen Burres and is currently being analyzed for inclusion. Other donations are encouraged, particularly of books not listed below. Several new books and new editions will be purchased in the future, as continued budgeting permits. New purchases will be listed in future issues of the *Hoosier Surveyor*.

The books are shelved in bookcases at headquarters in several topical groupings as follows:

Historical	Standards
Public Land Surveys	Antique Instruments
Legal Aspects	Miscellaneous
Basic Surveying	Old Editions
Route Surveying	British Texts
Multipurpose Cadastre	ISPLS Conferences
Mathematics/Computations	ACSM Proceedings
Maps/Cartography	ACSM Journals
Geodesy/Astronomy	ACSM Bulletins
Photogrammetry	

The Library Committee composed of Ken Curtis, chairman; Dan Pusey; John McEntyre; Gary Kent; and Peggy Archer, librarian; prepared the following "ISPLS Policy on Check-out of Library Books" which was approved by the board of directors. These rules may be modified with experience. Two larger books #193 and #194 will not leave the library.

Content of library, as of May, 1981. In several cases, there are multiple copies of the same title. The number in parenthesis is the "accession number" and should be used in ordering books.

American Congress on Surveying and Mapping (ACSM), *Requirements for Land Surveyor Registration*, ACSM, 1980, 100 p., (80)

American Congress on Surveying and Mapping (ACSM), American Society of Civil Engineers (ASCE), *Definitions of Surveying and Associated Terms*, ACSM/ASCE, 1978, 210 p., (166)

Assoc. of Gen. Contractors in Ind. (AGC), *Equal Employment Opportunity Manual*, AGCI, 1980 307 p., (38)

Avery, *Interpretation of Aerial Photographs*, 3rd Ed., Burgess, 1977, 392 p., (152)

Ayres, *First Year College Mathematics* (Schaum's Outline Series), McGraw-Hill, 1958, 440 p., (163)

Ayres, *Plane and Spherical Trigonometry* (Schaum's Outline Series), McGraw-Hill, 1954, 207 p., (164)

Baber, *A. Lincoln With Compass and Chain*, Baber, 1967, 180 p., (94)

Barry, *Construction Measurements*, Wiley, 1973, 304 p., (132)

Barry, *Errors in Practical Meas. in Sci., Engr. & Tech.*, Wiley, 1978, 183 p., (142)

Bartlett, *Great Surveys of the American West*, Okla. Press, 1962, 410 p., (93)

Bedini, *Life of Benjamin Banneker*, Scribners, 1972, 434 p., (99)

Bedini, *Thinkers and Tinkers*, Scribner's, 1975, 520 p., (101)

Black, *Black's Law Dictionary*, 5th Ed., West, 1979, 1511 p., (45)

Bomford, *Geodesy*, 2nd Ed., Oxford, 1962, 561 p., (15)

Bouchard, *Surveying*, 3rd Ed., International, 1947, 647 p., (28)

Bouchard/Moffitt, *Surveying*, 4th Ed., International, 1959, 664 p., (19)

Bouchard/Moffitt, *Surveying*, 5th Ed., International, 1965, 754 p., (07) (for later edition, see Moffitt/Bouchard)

Breed/Hosmer, *Elementary Surveying*, Vol. I Wiley, 1931, 716 p., (02)

Breed/Hosmer, *Elementary Surveying*, 11th Ed., Wiley, 1977, 728 p., (128)

Breed/Hosmer, *Higher Surveying*, Vol. II, 7th Ed., Wiley, 1953, 675 p., (23)

Breed/Hosmer/Bone, *Higher Surveying*, 8th Ed., Wiley, 1962, 543 p., (129)

Brinker, *Elementary Surveying*, 5th Ed., International, 1969, 620 p. (2 copies — 17/24)

Brinker/Wolf, *Elementary Surveying*, 6th Ed., IEP, 1977, 568 p., (18)

Brinker, *4567 Review Questions for Surveyors*, Brinker, 1978, 411 p. (52)

Brown, *The Story of Maps*, Dover, 1977, 395 p., (159)

Brown, *Boundary Control & Legal Principles*, Wiley, 1957, 275 p., (16)

Brown, *Boundary Control and Legal Principles*, 2nd Ed., Wiley, 1969, 371 p., (49)

Brown/Eldridge, *Evidence and Procedures for Boundary Location*, Wiley, 1962, 484 p., (50)

Bureau of Land Management (BLM), *Standard Field Tables*, BLM, 1956, 245 p., (110)

Bureau of Land Management (BLM), *Manual of Surveying Instructions*, 1947, BLM, 1947, 613 p. (107)

Bureau of Land Management (BLM), *Manual of Surveying Instructions*, 1973, BLM, 1973, 333 p., (2 copies — 108/179)

Bureau of Land Management (BLM), *Restoration of Lost or Obliterated Cor. & Subd. of Section*, BLM, 1975, 40 p., (109)

Bureau of Land Management (BLM), *Public Lands Surveying — A Casebook*, BLM, 1975, 250 p., (194) — (18 x 22")

Burkhard, *Geodesy for the Layman*, Revised, ACIC, 1968, 93 p., (169)

Burt, *Solar Compass*, Van Nostrand, 1881, 118 p., (58)

Campbell, *Computer Programs (HP-65 Documentation)*, ISPLS, 1976, 219 p., (2 copies — 75/76)

Case, *Surveying and Drafting Formula*, Author, 1979, 36 p., (174)

Cazier, *Surveys and Surveyors of the Public Domain 1785-1975*, BLM, 1975, 228 p., (two copies — 106/178)

Chapman, *Supervisor's Survival Kit*, 2nd Ed., Science Research Assoc., 1975, 191 p., (175)

Chase, *More Than Land*, Bauhan, 1978, 160 p., (95)

Clar, *Quarterdecks and Spanish Grants*, Glenwood, 1971, 156 p., (87)

Clark, *Law of Surveying and Boundaries*, 3rd Ed., Bobbs-Merrill, 1959, 1031 p., (09)

Clark/Jackson, *Plane & Geodetic Surveying for Engrs. — Vol. I Plane Surveying*, 6th Ed., Constable, 1972, 463 p., (137)

Clark/Jackson, *Plane & Geodetic Surveying for Engrs. — Vol. 2 Higher Surveying*, 6th Ed., Constable, 1973, 288 p., (138)

Clevenger, *The Method of Government Surveying*, Van Nostrand, 1883, 200 p., (59)

Clifton, *Barb, Prongs, Points, Prickers, & Stickers*, Okla. Press, 1970, 418 p., (105)

Crone, *Elementary Photogrammetry*, Ungar, 1968, 197 p., (149)

Curtis, *Indiana State Plane Coordinate System*, ISPLS, 1974, 196 p., (2 copies — 67/68)

Curtis, *Meridian Determination by Solar & Polaris Observation*, ISPLS, 1975, 194 p., (2 copies — 73/74)

Curtis, *Optical Distance Measurement*, ISPLS, 1976, 169 p., (2 copies — 77/78)

Curtis (editor), *Proceedings of Conferences on Land Surveying (Purdue) 1953-57*, Purdue Engr. Extension Series #93, 1958, 128 p., (2 copies 183/184)

Curtis (editor), *Proceedings of Conferences on Land Surveying (Purdue) 1958-59*, Purdue Engr. Extension Series #101, 164 p., (2 copies 185/186)

Curtis (editor), *Proceedings of Conferences on Land Surveying (Purdue) 1960-61*, Purdue Engr. Extension Series #107, 112 p., (2 copies 187/188)

Curtis (editor), *Proceedings of Conferences on Land Surveying (Purdue) 1962-63*, Purdue Engr. Extension Series #114, 175 p., (2 copies 189/190)

Curtis (editor), *Proceedings of Conferences on Land Surveying (Purdue) 1964-66*, Purdue Engr. Extension Series #120, 159 p., (2 copies 191/192)

Davis/Foote/Kelly, *Surveying*, 5th Ed., McGraw-Hill, 1966, 1096 p., (10)

Dean/McEntyre, *Law and Surveying*, ISPLS, 1975, 120 p., (2 copies — 69/70)

Dean/McEntyre, *Establishment of Boundaries by Unwritten Methods*, ISPLS, 1976, 171 p., (2 copies — 71/72)

Dickinson, *Maps & Air Photographs*, 2nd Ed., Wiley, 1979, 348 p., (153)

Dodds, *Original Instructions Governing Public Land Surveys 1815-1855*, Dodds, 1944, 215 p., (111)

Donaldson, *The Public Domain — Its History*, Johnson Reprint 1884, (1970), 1343 p., (113)

Dorr, *Surveyor's Guide and Pocket Table-Book*, Van Nostrand, 1909, 148 p., (60)

Dukeminier, *Real Property*, Gilbert Law Summaries, 10th Ed., 1979, 358 p., (117)

Dunham/Young, *Contracts, Specifications and Law for Engrs.*, 2nd Ed., McGraw-Hill, 1971, 523 p., (25)

Eichler/Tubis, *Photogrammetry Lab Kit*, 4th Ed., Tubis, 1972, 112 p., (168)

Evett, *Surveying*, Wiley, 1979, 273 p., (08)

Ewing/Mitchell, *Intro. to Geodesy*, Elsevier, 1970, 304 p., (147)

General Land Office (GLO), *Manual of Surveying Instructions for the Survey of the Public Lands of the U.S.*, GPO, 1902, 203 p., (114)

GLO-BLM, *Restoration of Lost or Obliterated Corner & Subdivision of Section, 1883-1974*, Carben, 1970, 180 p., (57)

Gilbert, *Thinking Metric*, 2nd Ed., John Wiley, 1978, 140 p., (177)

Gray, *the Engineer in Transition to Management*, IEEE, 1979, 127 p., (172)

Grimes, *Clark on Surveying and Boundaries*, 4th Ed., Bobbs-Merrill, 1976, 1124 p., (2 copies — 44/125)

Hawes, *Manual of United States Surveying*, Lippincott, 1882, 234 p., (56)

Herubin, *Principles of Surveying*, 2nd Ed., Reston, 1978, 323 p., (134)

Hickerson, *Route Locatin & Design*, 3rd Ed., McGraw-Hill, 1953, 543 p., (05)

Hickerson, *Route Location & Design*, 5th Ed., McGraw-Hill, 1964, 634 p., (03)

Hirvonen, *Adj. by Least Squares in Geod. & Photog.*, Ungar, 1971, 261 p., (143)

Hodgman, *Manual of Land Surveying*, Hodgman, 1913, 100 p., (54)

Hoffmans Reports, *Land Cases*, Yosemite, 1862, (1975), 146 p., (122)

Honigsberg, *Cluing into Legal Research*, Golden Rain Press, 1979, 145 p., (123)

Hughes, *Surveyors and Statesman (Virginia)*, Va. Surv. Fdn., 1979, 196 p., (2 copies — 85/86)

Illinois Registered Land Surveyors Association, *Standards of Practice-Illinois*, IRLSA, 1967, (36)

Ind. Soc. of Professional Land Surveyors, *Standards of Practice for Indiana*, ISPLS, 1970, (3 copies — 32/33/34)

Indiana Soc. of Prof. Land Surveyors/Illinois Registered Land Surveyors Assoc. (ISPLS/IRLSA), *Proceedings from Joint Conference 1974*, ISPLS, 175 p., (3 copies — 180/181/182)

Indiana Society of Prof. Land Surveyors (ISPLS), *Land Surveying Position Paper*, ISPLS, 1980, (84)

Ives/Kissam, *Highway Curves*, 4th Ed., Wiley, 1952, 389 p., (154)

Joint Highway Research Project, SHDI and Purdue University, *Atlas of County Drainage Maps, Indiana*, Engrg. Bulletin, Extension series No. 97, 1959, 200 p. (18 x 22 inches), (193)

Kamoroff, *Small-Time Operator*, Rev. Ed., Bell Springs Publ., 1980, 190 p., (173)

Kaplan/Waltz, *Evidence*, Gilbert Law Summaries, 11th Ed., 1979, 269 p., (118)

Keates, *Graphic Design & Reproduction*, Wiley, 1973, 240 p., (155)

Kieley, *Surveying Instruments: Their History*, Carben, 1947, 273 p., (61)

Kissam, *Surveying*, 1st Ed., McGraw-Hill, 1947, 384 p., (26)

Kissam, *Surveying*, 2nd Ed., McGraw-Hill, 1956, 482 p., (12)

Kissam, *Surveying for Civil Engineers*, McGraw-Hill, 1956, 716 p. (195)

Kissam, *Surveying Practice*, 3rd Ed., McGraw-Hill, 1978, 502 p., (127)

Kruglak/Moore, *Basic Mathematics (Schaum's Outline Series)*, McGraw-Hill, 1973, 341 p., (162)

Laurila, *Electronic Surveying & Navigation*, Wiley, 1976, 545 p., (148)

Love, *Geodaesia — The Art of Surveying*, Reprint, 1688, 200 p., (62)

Mackie, *Elements of Astronomy for Surveyors*, 8th Ed., Griffin, 1978, 308 p., (144)

Madson, *Legal Seminar Outline*, 1st Ed., LSS (Land Surveyors Seminar), 1974, 69 p. (81)

Madson, *Legal Seminar Outline*, 2nd Ed., Land Surveyors Seminar, 1978, 131 p., (42)

Madson, *How You Can Pass the State Surveyor's Exam*, Land Surveyors Seminar, (3 x 5 Handbook), 1979, 68 p., (40)

Madson, *The Mathematics of Land Surveying*, 2nd Ed., Land Surveyors Seminar, 1979, 266 p., (43)

Madson/Munro, *Understanding Your Prof. Liability*, LSS (Land Surveyors Seminar), 1979, 571 p., (39)

Madson/Strickland, *How to Run a More Successful Surveying Business*, Land Surveyors Seminar, 1978, 127 p., (41)

Maloney/Plager/Baldwin, *Water Law and Administration — The Florida Experience*, U. of Fla., 1968, 488 p., (116)

McCormac, *Surveying*, Prentice/Hall, 1976, 320 p., (136)

McDonnell, *Intro. to Map Projections*, Dekker, 1979, 174 p., (158)

McEntyre, *Perpetuation of Corners in Indiana*, ISPLS, 1972, 105 p., (2 copies, 65/66)

McEntyre, *Land Survey Systems*, Wiley, 1978, 537 p., (115)

Meyer, *Route Surveying*, 2nd Ed., International, 1956, 320 p., (21)

Meyer, *Route Surveying*, 3rd Ed., Intern., 1962, 671 p., (04)

Meyer/Gibson, *Route Surv. and Design*, 5th Ed., Harper/Row, 1980, 548 p., (161)

Mikhail, *Observations and Least Squares*, IEP, 1976, 497 p., (141)

Mills, *Positional Astronomy and Astro-Navigation Made Easy*, Thornes, 1978, 267 p., (146)

Minnick, *Collection of Orig. Instructions to Surveyors of the Public Lands 1815-1881*, Landmark, 1980, 577 p., (112)

Missouri Association of Registered Land Surveyors, *Surveyors Handbook — Missouri*, MARLS, 1970, (35)

Missouri, *Manual of Safety Standards for Land Surveyors*, Land Surveyors Seminar, 1975, 74 p., (51)

Mitchell/Simmons, *The State Coordinate Systems*, SP 235, USC & GS, 1945, 62 p., (171)

Moffitt/Bouchard, *Surveying*, 6th Ed., Harper/Row, 1975, 879 p., (131)

Moffitt/Mikhail, *Photogrammetry*, 3rd Ed., Harper/Row, 1980, 648 p., (151)

Moyer/Fisher, *Land Parcel Identifiers for Information Systems*, Amer. Bar Fdn., 1973, 500 p., (63)

Muehrcke, *Map Use*, JP PUBL. 1978, 469 p., (160)

Mueller, *Spher. & Pract. Astr. as Applied to Geodesy*, Ungar, 1969, 615 p., (145)

Mueller/Ramsayer, *Intro. to Surveying*, Ungar, 1979, 324 p., (135)

Mulford, *Boundaries and Landmarks*, Van Nostrand, 1912, 89 p., (53)

National Research Council, *Need for a Multipurpose Cadastre*, Nat'l Acad. Press, 1980, 112 p., (64)

Newhouse, *Backsights*, Newhouse, 1974, 90 p., (96)

Olliver/Clendinning, *Prin. of Surveying — Vol. 1: Plane Surveying*, Van Nostrand, 1978, 267 p., (139)

Olliver/Clendinning, *Prin. of Surveying — Vol. 2: Photog., Adj. & Field Astr.*, Van Nostrand, 1978, 205 p., (140)

OSHA, *Safety and Health Regulations for Constr.*, Fed. Reg., 1979, (83)

Pafford, *Handbook of Survey Notekeeping*, John Wiley, 1962, 140 p., (167)

Parsons, *Engineers and Engineering in the Renaissance*, M.I.T., 1939, 661 p., (91)

Pearson, *Collecting and Restoring Scientific Instruments*, Arco, 1974, 278 p., (104)

Puter, *Looters of the Public Domain*, DaCapo, 1907, 495 p., (90)

Rayner, *Elementary Surveying*, Van Nostrand, 1943, 420 p., (01)

Rayner/Schmidt, *Surveying*, Van Nostrand, 1957, 916 p., (22)

Rayner/Schmidt, *Elementary Surveying*, 4th Ed., Van Nostrand, 1963, 485 p., (11)

Rayner/Schmidt, *Fundamentals of Surveying*, Van Nostrand, 1969, 533 p., (14) (for later edition, see Schmidt/Rayner)

Richeson, *English Land Measuring to 1800*, M.I.T., 1966, 214 p., (100)

Robinson/Sale/Morrison, *Elements of Cartography*, 4th Ed., Wiley, 1978, 448 p., (157)

Rohrbough, *The Land Office Business*, Oxford, 1968, 331 p., (97)

Royer, *Applied Field Surveying*, Wiley, 1970, 205 p., (133)

Rubey, *Route Surveys*, Macmillan, 1938, 261 p., (29)

Rubey/Lommel/Todd, *Engineering Surveys; Elementary*, Macmillan, 1940, 141 p., (27)

Rubey/Lommel/Todd, *Engineering Surveys*, Macmillan, 1940, 462 p., (20)

Rubey/Lommel/Todd, *Engineering Surveys; Elem. & Applied*, 2nd Ed., 1950, 891 p., (30)

Rubey/Lommel/Todd, *Engineering Surveys; Elem. & Applied*, 2nd Ed., Enlarged, Macmillan, 1958, 909 p., (31)

Sakolski, *The Great American Land Bubble*, Harper, 1932, 373 p., (92)

Schmidt/Rayner, *Fundamentals of Surveying*, 2nd Ed., Van Nostrand, 1978, 450 p., (126)

Schmitz, *The Remaking of a Land Surveyor*, Landmark, 1978, 233 p., (165)

Shalowitz, *Shore and Sea Boundaries, Vol. 1*, C & GS, 1962, 420 p., (120)

Shalowitz, *Shore and Sea Boundaries, Vol. 2*, C & GS, 1964, 749 p., (121)

Skelton, *Boundaries and Adjacent Properties*, Bobbs-Merrill, 1930, 580 p., (48)

Smart, *Makers of Surveying Instruments in America since 1700*, Regal, 1962, 282 p., (103)

Smirnoff, *Measurements for Engineering Surveys*, Prentice-Hall, 1961, 556 p., (13)

Stewart, *Public Land Surveys*, Collegiate, 1935, 202 p., (55)

Stoughton, *Lab. Manual for Geodetic Control of Limited Extent*, Stoughton, 1978, 69 p., (170)

Thompson, *Maps for America*, USGS, 1979, 265 p., (156)

Thomson, *Men and Meridians*, Vol. 1, (to 1867), Crown, 1966, 345 p., (88)

Thomson, *Men and Meridians*, Vol. 2 (1867-1917), Crown, 1967, 342 p., (89)

Tillotson, *Legal Principles of Property Boundary Location on the Ground in the Public Land Survey States*, Tillotson, 1973, 122 p., (124)

Turner, *Metrics for the Millions*, Bobbs-Merrill, 1974, 96 p., (176)

Underhill, *Mineral Land Surveying*, Mining Reporter Publ. Co., 1906, 218 p., (130)

Uzes, *Chaining the Land*, Landmark, 1977, 315 p., (98)

Uzes, *Illustrated Price Guide to Antique Surv. Instr. and Books*, Landmark, 1980, 68 p., (102)

Virginia Association of Surveyors, *Standards of Practice — Virginia*, VAS, 1965, (37)

Waite, *Indiana Water Law & Suggestions for Action*, Ind. Water Resources Study Comm., 1968, 275 p., (79)

Wattles, *Land Survey Descriptions*, Wattles, 1974, 140 p., (119)

Wattles, *Survey Drafting*, Wattles, 1977, 278 p., (47)

Wattles, *Writing Legal Descriptions*, Wattles, 1979, 261 p., (46)

Whitmore, *Advanced Surveying and Mapping*, Inter., 1949, 619 p., (06)

Wolf, *Elements of Photogrammetry*, McGraw-Hill, 1974, 562 p., (150)

Wolf, *Adjustment Computations*, 2nd Ed., P.B.L. Publ., 1980, 284 p., (82)

ISPLS Policy on Check-out of Library Books

1. Members are encouraged to use the library by visiting the ISPLS state office, in person, during regular office hours. (Mon., Wed., Fri., 8-4:30 p.m.)
2. Only ISPLS members in good standing are eligible to check-out library books for their own personal use.
3. Check-out time will be limited to four weeks, with only one extension of time and subject to requests from other members. No user shall have more than three books checked out at any one time.
4. Each check-out must be made in person or by letter request. Check-out in person requires no fee. Check-out by mail requires a *prepayment* of a standard fee of \$2.00 per book (which will pay for postage and handling). No phone orders will be accepted. When items are being returned by mail, they are to be sent by USPS or UPS and insured for \$50.00.
5. There shall be no defacing of loaned books, especially any marking or highlighting. Each item will be inspected on return for any damage and then a decision will be made on any assessment of the cost of a replacement copy.

DID YOU KNOW THAT YOU HAD A NEW GOVERNOR?

THAT'S RIGHT! You and all other surveyors in the State have recently gained a spokesman who will serve in your interests on the National level. It happened at the convention of the American Congress on Surveying and Mapping in Washington D.C. on February 25th with the official ceremonies creating the National Society of Professional Surveyors (NSPS). One representative from each state serves on NSPS's Board of Governors. The delegates of the former Land Survey Division have been designated as the 1981 Governors.

WHAT DOES THIS ALL MEAN TO THE SO-CALLED "GRASS ROOTS" SURVEYOR? Well, it means that you and your colleagues now have a direct line of communication and influence with the National organization. AND it also means that you must do your part. Make sure you let your new governor know your concerns . . . mandatory continuing education, minimum technical standards, the use of the metric system, registration laws, moonlighting, competitive bidding, you name it.

WHO IS YOUR NEW GOVERNOR? If you don't know who he is, find out. Expect a report from him at each membership meeting.

A FINAL NOTE . . . take another look at the name: NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS (NSPS) — you're going to hear and see a lot about it in the future! NSPS is a Member Organization of ACSM.

National Society of Professional Surveyors
Bernard H. Larson, Secretary-Treasurer
1306 W. 20th Street
Hastings, MN 55033
(612) 437-0250

NEW LAND SURVEYOR (LS) REGISTRANTS (Since March 1980)

S-0399 Gary L. McAllister District 9 Land Survey 202 W. High St. Lawrenceburg, IN 47025	S-0412 Jeffrey Todd Jones 2801 Roosevelt Blvd. Middletown, OH 45042
S-0400 Ronald F. Zink R.R. #6, Box 121 Rochester, IN 46975	S-0413 Douglas E. Kramer 1700 W. Winnerline Rd. Eaton, OH 45320
S-0401 Donald C. Abraham 2101 McCord Road Valparaiso, IN 46383	S-0414 Everett R. Manny 4508 Rambo Lane Toledo, OH 43623
S-0402 David M. Anderson 505 Rewill Drive Ft. Wayne, IN 46804	S-0415 Paul L. Alvin R.R. #2 Wadesville, IN 47638
S-0403 Mark Douglas Downey 7107 Westlake Drive Indianapolis, IN 46224	S-0416 James Arthur Porter Snell Environmental Corp. 1120 May Street Lansing, MI 48906
S-0404 Louis K. Machlan R.R. #1 Rome City, IN 46784	S-0417 Samuel Eugene Wolfe 3002 Patty Lane, #4 Middleton, WI 53562
S-0405 John Robert Bowers R.R. #2, Box 44 Rochester, IN 46975	S-0418 Gregory W. Buckel 337 Collegiate Ct. Fort Wayne, IN 46805
S-0406 Bradford D. Andrew, Jr. O'Brien Engineering 448 Meadow Lane Madison, IN 47250	S-0419 James E. Kovas 2307 Mayfair Ct., #3B Michigan City, IN 46360
S-0407 Douglas Kent Lechner R.R. #1, Box 27 Needham, IN 46162	S-0420 Ronald E. Wharry R.R. #2 Frankfort, IN 46041
S-0408 Fred L. Benge 5628 E. Minnesota Indianapolis, IN 46203	S-0421 David W. Smoll 630 High Street Anderson, IN 46012
S-0409 Mark Louis Gensic 5900 Rapp Road Ft. Wayne, IN 46818	S-0422 Roland S. Corning, II 90 Luke Dr., Apt. #102B Lafayette, LA 70905
S-0410 David Lee Hurley 6505 Manila Palm Way Apollo Beach, FL 33570	S-0423 Kerry Payne Magan W.H. Brown & Associates 527 1/2 Main Street Shelbyville, KY 40065
S-0411 Van Henry Janovic R.R. #5, Box 280 Walkerton, IN 46574	

NEW LAND SURVEYORS-IN-TRAINING (SIT) (Since March 1980)

S80020 Evan J. Evans
S80021 R. Scott Beagles
S80022 Pamela M. Sostarich
S80023 Paul W. Ogren
S80024 David W. Cooley
S80025 Dan E. Burnett
S80026 John W. Curry
S80027 Kevin D. Breitzke
S80028 Mark A. Baird
S80029 Gary W. Carlile
S80030 Michael L. McGinity
S80031 Dennis J. Warren

UNSTABLE DRAFTING FILM

If you have used drafting film for plan preparation, you should be alerted that certain brands of this film used during the middle 60's are unstable. It has been reported that the matte surface are showing a tendency to chip and flake off, in many cases eliminating critical plan data thereon.

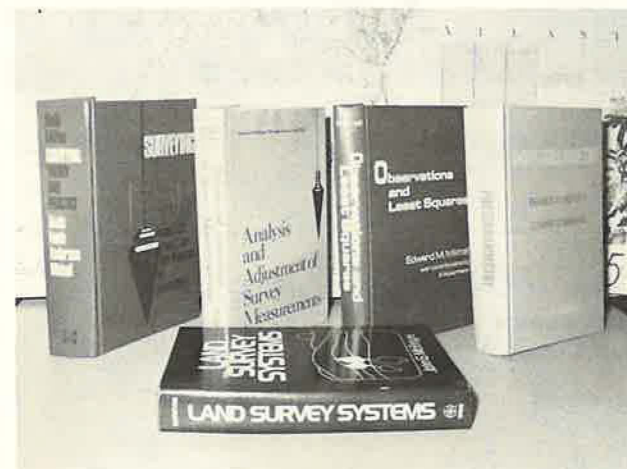
If you were using drafting film during this era, it would be advisable for you to check your files to see if you have defective film. Some firms have reported all that they have found was a clear sheet of plastic with no images left. Manufacturer of this defective film is not known at this time.

If you have had similar experience with drafting film or can pin-point the manufacturer, the possibility of saving many plans and plats would be greatly enhanced by alerting the profession.

OHIO SURVEYING NEWS
December, 1980

Purdue Professors Outstanding Textbook Authors

Two Purdue professors have made outstanding contributions to surveying literature during the last five years. John McEntyre, professor of land surveying, authored his book, *Land Survey Systems* in 1978 which was published by John Wiley and Sons. Edward Mikhail, professor of photogrammetry, has authored or co-authored four books. In 1976, he authored the book, *Observations and Least Squares*, published by IEP. It contained some contributions by F. Ackermann of Stuttgart University. In 1980, he joined with Francis Moffitt, University of California, Berkeley, to revise Moffitt's *Photogrammetry* for a 3rd edition, published by Harper and Row. In 1980, he and Gordon Gracie, Erindale College, University of Toronto, finished their *Analysis and Adjustment of Survey Measurements* published by Van Nostrand Reinhold Company. Also in 1981, he and James Anderson, University of California, Berkeley, completed a major revision (the sixth) of the popular text *Surveying: Theory and Practice* known previously as Davis, Foote, and Kelly published by McGraw-Hill Book Company.



OLD OBSERVATION STILL GOOD TODAY

An old time surveyor's observation of many years ago can well be taken today as it did in years gone by. A.C. Mumford in the introduction to his booklet entitled "Boundaries and Landmarks", published in 1912, observed that "No attempt will be made to describe methods of measuring a line; the intention is to furnish suggestions for finding the line which is to be measured. For, after all, when it comes to a question of the stability of property and the peace of the community, it is far more important to have a somewhat faulty measurement of the spot where the line truly exists than it is to have an extremely accurate measurement of the place where the line does not exist at all."

—Reprinted from the Massachusetts Surveyor,
September 1980

The following is a list of ISPLS member firms:

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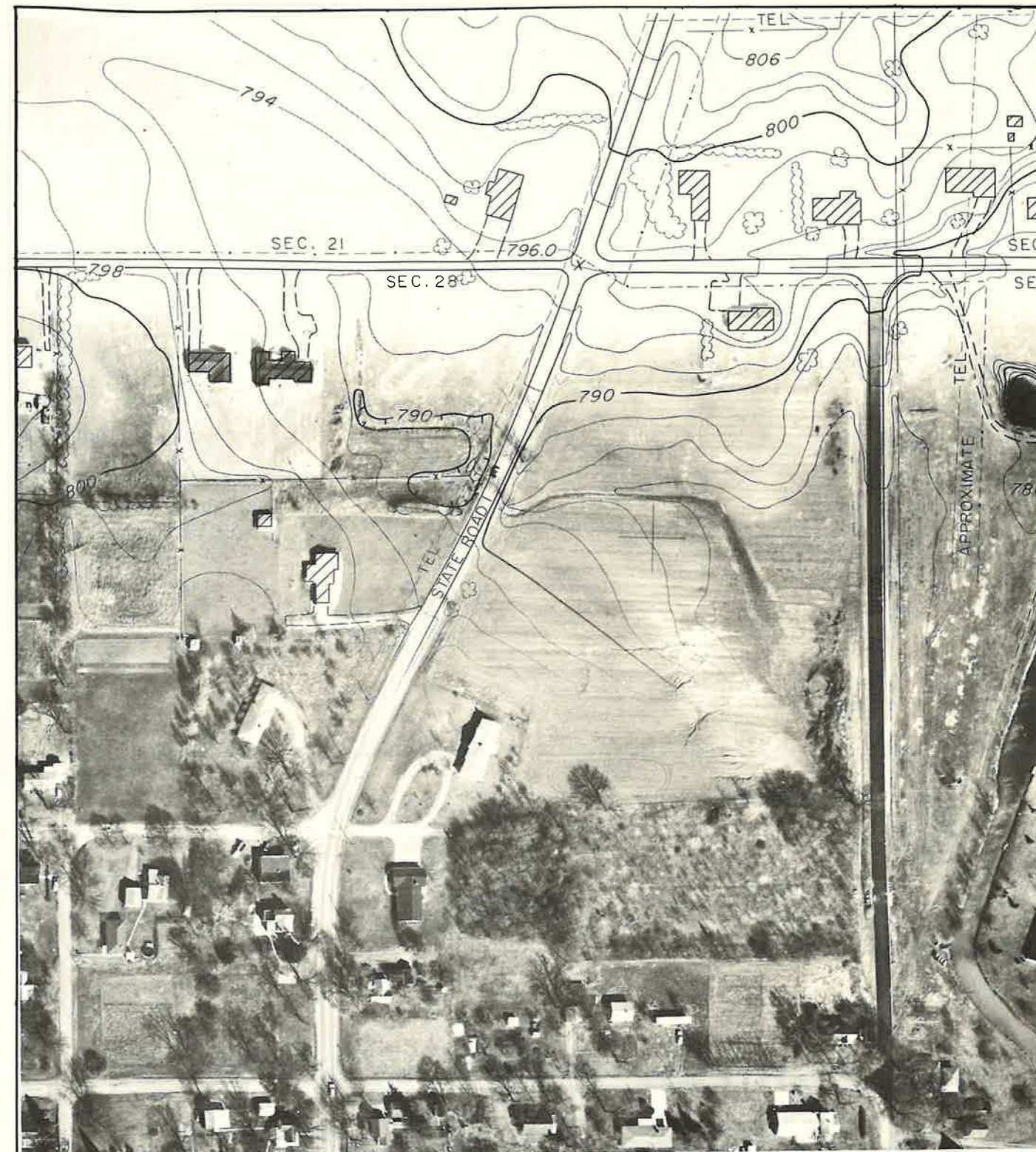
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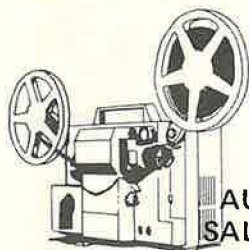
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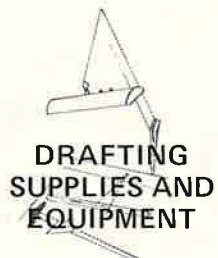
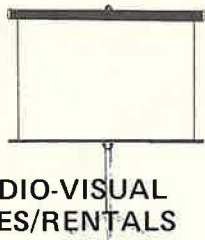
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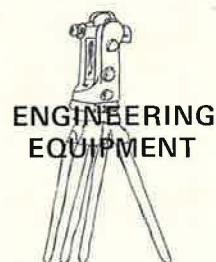
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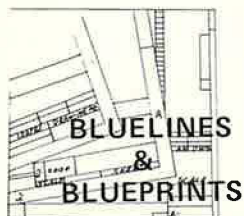
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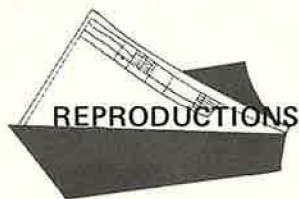
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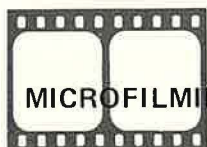
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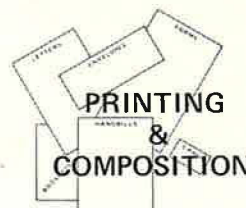
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