



The California Surveyor

Institutional Affiliate of American
Congress on Surveying and
Mapping

THE VOICE OF THE LAND SURVEYORS OF CALIFORNIA

No. 17

SPRING EDITION

1971

PRESIDENT'S MESSAGE

Robert W. Curtis, L.S.



The California Surveyor is sent to every Land Surveyor in California, as well as many persons in allied fields such as engineering, education, title work and other state Land Surveyor associations. For this reason, I would like to direct my remarks to the non-member as well as our members.

I have often been asked, "why is an association such as C.L.S.A. even needed?" After all, we have ASCE, NSPE, NCEE, ACSM,

C.C.C.E. & L.S. and so on. All these people certainly can take care of the Land Surveyor. In the beginning, I was told that all C.L.S.A. would be able to accomplish would be more dues for people to pay, and more meetings to attend which they wouldn't be able to make anyway!

After nearly five years of existence, I think we have some answers for our eternally pessimistic friends. To begin with, C.L.S.A. by its very make-up, of a Land Surveyor association, does not prejudice itself against a Land Surveyor because of his employment or salary. This alone has resulted in understanding and cooperation between many private practitioners and agency employed Land Surveyors. Speaking of the Land Surveyor employed by agencies, who has taken up his need for recognition and proper salary? C.L.S.A. has.

As President of C.L.S.A., I have attended many chapter meetings throughout the state, and I point with pride to the complete cooperation and fellowship I have seen at every meeting. In this atmosphere, many age old local problems are solved with surprising ease.

In 1969, C.L.S.A. caused all of the related business and professional groups in California to focus their attention on the Land Surveyor's problems. This was brought about by our proposal of A.B. 2296. From this effort and studies that

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CLSA CONVENTION 1971

Eugene L. Foster, L.S.

We are the program committee for the CLSA 1971 Convention. You will be depending on us to plan a program containing the greatest benefit to you, the attendee.

The convention days of Friday and Saturday, May 21 and 22 will be at Caravan Inn in the northern part of Sacramento, beside Interstate 80 at the Bell Street turn-off. Roughly half the time will be spent on committee and chapter reports designed to give you a clearer picture of the growth and development of the Association and the immense amount of work being done by the various committees.

We, of the convention committee, wish to have you critique the program we have designed. Therefore, you will be furnished with an official evaluation sheet which you can use to register your assessment of the various functions.



at the sign of the racing camel

Caravan Inn

2300 AUBURN BLVD., U.S. HWY. 40 AT BELL ST.



SACRAMENTO, CAL. 95821

Several speakers have been selected with varied subjects. George Katibah and Charles E. Schafer will be speaking on two different applications of Photogrammetry. James E. Chamberlin of the U.S.G.S. will speak on the planning and content of the A.C.S.M. National Fall Convention in San Francisco, September. Larry Hyder from Camino will recount experiences in Retracement and Identification of old survey lines and monuments. Dr. Herbert H. Blossom of Sacramento City College will be telling us of some of the administrative problems (or lack of problems) to be encountered in the introduction of Land Surveyor Education in the schools. Other interesting speakers are being contacted.

Two planned luncheons are in the mill, as well as a Banquet Dinner and Dance for Friday evening. Tickets for those meals

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**BOARD OF DIRECTORS MEETING
ABSTRACTS OF MINUTES**

James E. Adams, L.S.

The CLSA Board of Directors met at the San Jose Municipal Airport Terminal Building on January 23, 1971. President Robert W. Curtis called the meeting to order at 10 A.M.

ATTENDANCE

Board of Directors:

President Robert W. Curtis	Present
Vice President, George C. Colson	Present
Secretary-Treasurer, James E. Adams	Present
Director, G. Ross Armstead	Present
Director, Edward A. Boris, Jr.	Present
Director, L. Foster	Present
Director, William O. Gentry	Present
Director, C. A. Wooldridge, Jr.	Present

Immediate Past President

Herbert J. Schumacher	Absent
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Chapter Representatives

Bakersfield, Donald E. Ward	Present
East Bay, Gilbert Barbee	Absent
East Bay, Fred H. Seiji	Absent
Lake/Mendocino, Joseph Scherf	Present
Marin, Eugene Lockton	Present
Monterey Bay, George N. Darling	Present
Mother Lode, Frederick W. Kett	Absent
Northern, Ken Burton	Absent
Sacramento, Homer Banks, Jr.	Present
San Joaquin, Edward Kulhan	Absent
Santa Clara/San Mateo, Lawrence J. Cloney	Present
Santa Clara/San Mateo, Thomas J. Gribbin	Present
Santa Clara/San Mateo, Paul W. Lamoreaux	Present
Sonoma, Richard Stephan	Absent
Acting Representative, E.K. "Dave" Roberts	Present
Southern, Charles N. Hathaway	Present
Southern, Fred W. Henstridge	Absent
Tahoe, Burns L. Jeffries	Absent

Guests

- George Buscher, East Bay Chapter
- John H. Ashbaugh, Northern Counties
- John W. Snell, Sacramento
- Hank Young, Santa Clara/San Mateo
- David Phares, Santa Clara/San Mateo
- Michael J. Burroughs, Southern Counties
- James Foulk, Santa Clara/San Mateo
- Don Bender, Southern Counties
- "Chuck" Randall, Santa Clara/San Mateo
- Leonard Berry, Bakersfield
- Dick Hogan, Sonoma
- Earl Cross, Portola Valley

President's Report: The President called attention to Engineers' Week, which occurs in February, usually during the week which includes Washington's birthday. Mr. Curtis recommended that each chapter work with local sections of ASCE, or whoever else may be working on observance of Engineers' Week, as an opportunity to cooperate with the engineering societies in local areas.

Since our last Board of Directors meeting, the President reported that he has visited three or four chapters - namely, East Bay, Santa Clara/San Mateo, Sacramento, and Northern Counties Chapters. Some of the Directors have been visiting local chapters, and this practice is encouraged by the President as a means of assisting in the field of communications, which he has learned is the most serious problem confronting the association. He admonished each chapter representative present to give his chapter a full report of the business brought up and acted upon at the Board meeting, and return to the next Board meeting

to report the attitudes and wishes of his chapter. Many of the chapters appear to be lacking in direction, either from the Board, or, perhaps from their representative to the Board. Younger chapters were encouraged to contact members of the Board, or older chapter members, so that they may profit from their experience in solving the same, or similar problems.

The President reported that he was working with the committee planning for the Fall San Francisco Convention of ACSM. Bill White and Chuck Moore are co-chairmen of the committee. Mr. Lamoreaux asked whether CLSA would be asked to actively participate in this convention program. Mr. Curtis quoted from a letter from the co-chairmen of ACSM, stating that papers of subjects that are timely and interesting, relating to property surveys, be submitted to them. Mr. Gentry stated that he was working with Chuck Moore on a project, and if it materializes, it could be representative from this group.

Since CLSA is an affiliate member of ACSM, it was the feeling of the President that the association should participate in the ACSM convention. He asked for an expression of the desires of the members of the Board of Directors.

Mr. Lamoreaux suggested that the committee in charge of the ACSM Convention might very well need a lot of manpower to assist in meeting incoming delegates at airports in the Bay Area, etc. The President suggested that chapters in the area, who have members willing to assist, contact either Mr. White or Mr. Moore and offer whatever assistance they have available.

President Curtis suggested that Larry Cloney again seek a membership table very much as previously used in the Sacramento ACSM meeting.

Secretary's Report: The Secretary-Treasurer reported 310 Regular Members, and 45 Associate Members as of January 11, 1971, which shows an increase of 42 members since last year.

The dues increase, as proposed by resolution at the October 1970 Board of Directors meeting, was submitted to the chapters by their representatives, and was defeated by an 8 to 5 margin.

Regarding item #3 in the written report, the Secretary-Treasurer requested that the President instruct the chairman of the Constitution and By-Laws Committee to organize a committee to review the functions of the Secretary-Treasurer. Continuity of the performance of the duties of the office is not clearly set up at the present time.

Treasurer's Report: The officers and chairmen of this association has submitted budgets, either verbally or in writing, and the amounts are listed, as follows:

1. President	\$ 250.
2. Secretary-Treasurer	2000.
3. Legislative	2000.
4. Liaison with Board of Registration	40.
5. California Surveyor	2620.
6. Publications	770.
7. Membership	580.
8. Education	500.
9. Status Improvement	230.
10. Liaison with Gov't	50.
11. Nominating	25.
12. Constitution & By-Laws	25.
13. Meeting Expenses	1000.
	<u>\$11000.</u>

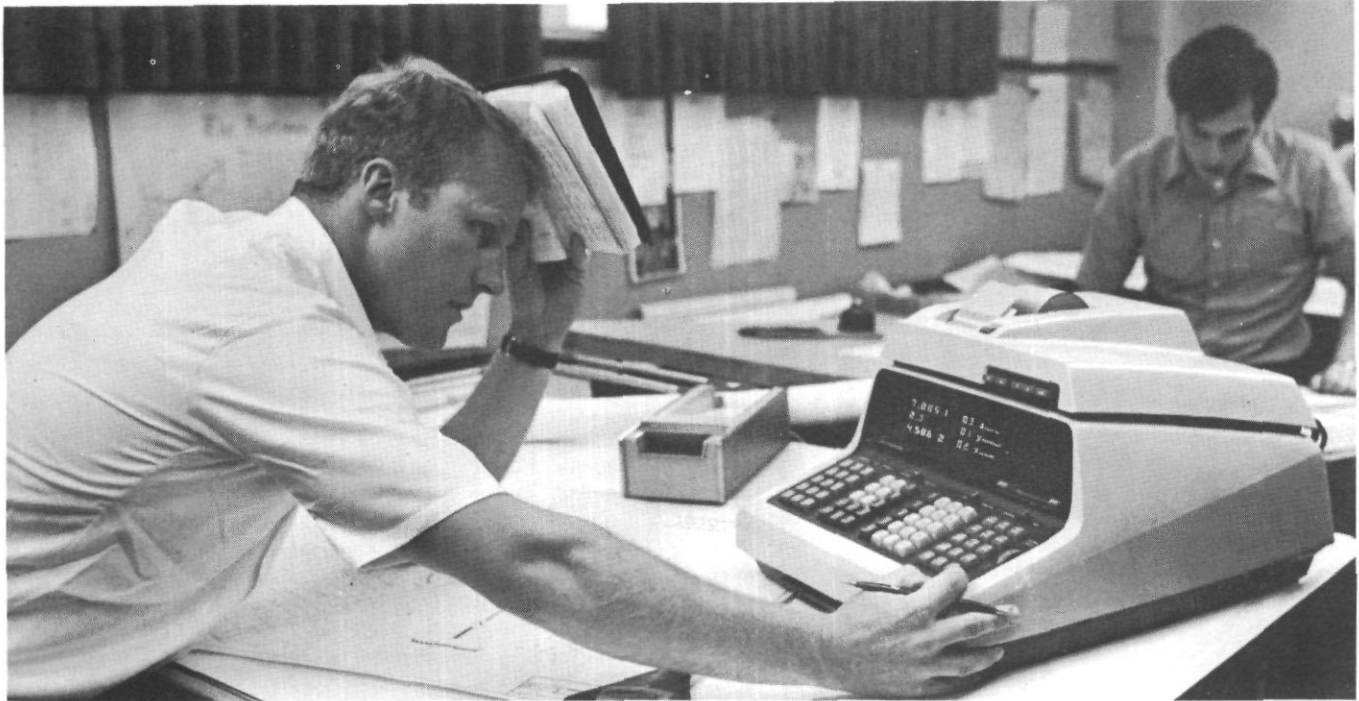
At the present time, the expected revenue is \$8500. This is derived from membership dues, and \$300 from sustaining members. The deficit between the preliminary budget and expected revenue is \$2500.

In the opinion of the Secretary-Treasurer, these preliminary budgets should be considered indicative of what each would like to have accomplished, and not necessarily a true cost of the activities involved.

There will have to be reductions in these budgets. The purpose of this report is to submit to the Board information that can be used to

Continued on Page 4

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BOARD OF DIRECTORS MEETING Continued from Page 2

establish priorities in regard to the activities of the CLSA for this year. These priorities will then be translated into a workable budget for the year.

There was some discussion regarding the proposed committee to review the functions of the Secretary-Treasurer, following which it was moved by Don Ward, seconded by W.O. Gentry, and passed, "THAT THE PRESIDENT BE AUTHORIZED TO EXECUTE THE SUGGESTION CONTAINED IN ITEM #3 OF THE SECRETARY'S REPORT, THAT SUCH A COMMITTEE BE APPOINTED."

W.O. Gentry asked whether consideration should be given at this time to selecting a delegate to the National Council of Land Surveyors to attend the annual ACSM meeting in Washington, D.C., March 7, through March 12, 1971. After a discussion as to members who might be going to Washington, D.C. on business, or who might go if air fare, round trip, was provided, it was moved by C.A. Wooldridge, seconded by Jack Snell, and carried, "THAT THE PRESIDENT BE AUTHORIZED TO NAME OUR DELEGATE TO THE ANNUAL ACSM MEETING, BASED UPON HIS INVESTIGATION AND DISCUSSION OF WHO IS ABLE TO ATTEND."

Nominating Committee Report: Mr. W.O. Gentry, Chairman announced the results of the balloting for 1971 officers, directors at large, and the constitutional and by-law amendments, as follows: President, Robert W. Curtis; Vice President, Michael J. Burroughs; Secretary-Treasurer, James E. Adams; Directors at large, G. Ross Armstead, Homer Banks, Jr., Thomas J. Gribbin, Charles N. Hathaway, and Paul W. Lamoreaux, Jr.

Voting for the Constitutional Amendment, By-Laws Amendments, Nos. 1 and 2, were all in favor of the amendments.

The President stated that the officers and directors at large are considered by him to constitute the Executive Committee of the association.

Legislative Committee Report: In the absence of Richard Stephan, Chairman, Joseph Scherf presented the report. A contract has been negotiated with Mr. Alvar Yelvington to represent the CLSA before the California Legislature in 1971. Considerable time was spent by the committee in discussion of the merits of membership in the California Legislative Council for Professional Engineers.

One response has been received to our request to meet with other organizations to discuss the California Model Law. We were invited to attend the Legislative Committee of the California Society for Professional Engineers on January 16, 1971, in Los Angeles. Unfortunately, due to the time factor, the invitation could not be accepted. A letter was sent to them stating that we would be happy to meet with them in the future.

Discussions have been held with five chapters of the association regarding the Legislative program, and, specifically, the California Law. Some suggestions have been made regarding the CML, and these will be considered at the next meeting of the committee. A copy of the CML has been mailed to each member of the association. Additional copies are available upon request to the association.

The President reported that Dick Stephan, who has been chairman of the Legislative Committee for several years, would like to step down as chairman for the coming year. Chuck Wooldridge has consented to accept the position as chairman of the Legislative Committee. The President stated that Chuck has the background and knowledge to fill this position, and, with the approval of the Board, he would so nominate him the chairman of the Legislative Committee. The President asked whether there were objections or discussion regarding the appointment. There were no objections, and no discussion regarding the appointment, and the appointment was ordered.

Liaison with Board of Registration: Mr. Wooldridge, Chairman, reported that the committee has not met since the last Board of Directors meeting, nor has it contacted the Board. However, the Board of Registration has appointed the ad hoc committee. This committee consists of: C.A. Wooldridge, Jr., of the CLSA; Harold Musser, of the

CCCE & LS; Charles Greenwood of the ASCE; and Simon Perliter, of the ASPE.

Donald Ward recommended to the Board of Directors that each chapter representative take the responsibility of seeing whether each of their chapter members can answer the questions posed in the instructions to the ad hoc committee. He stated that he had written answers and distributed material among the members of his chapter, and has asked for comments or new ideas from them on this subject. He plans to send any information gathered, to Mr. Wooldridge. With this kind of information from each chapter, Mr. Wooldridge should then have a knowledge from all areas in the state as to the feeling about these questions, which would be helpful to him.

Mr. Wooldridge asked for facts rather than attitudes and opinions — facts that would convince others.

Following discussion, it was moved by Don Ward, seconded by Edward Boris, and carried, "THAT MR. WARD WOULD INFORM BY LETTER EACH CHAPTER REPRESENTATIVE THAT IT WAS THE DIRECTION OF THE BOARD THAT CHAPTER REPRESENTATIVES BE REQUIRED TO REPORT TO CHUCK WOOLDRIDGE, AS SOON AS POSSIBLE, THEIR CHAPTERS RECOMMENDATIONS REGARDING THE FOUR QUESTIONS POSED IN THE BOARD OF REGISTRATION'S INSTRUCTIONS TO THE AD HOC COMMITTEE."

Convention Committee Report: Eugene Foster, Chairman reported that Mervin Rose, the committee member in charge of publicity, has arranged for a 15-minute interview on television. It will be a week or so before forms will be mailed out, but the committee is "in business."

Mr. Armstead inquired as to the deadline for the California Surveyor, Convention edition, and was informed by Mr. Boris that the date is March 13.

One of the observers present asked as to whether other organizations were invited to send representatives to the convention. The President stated that, if there were no objections from the Board members, he would personally invite those people whom he considered to be best suited to receive such invitations.

Mr. Boris stated that he had received a request for listing in the ACSM publication, and suggested that Mr. Foster could contact other publications for listings of the CLSA convention in their issues.

Publications Committee Report: The Secretary-Treasurer made the report in the absence of the chairman. The Secretary-Treasurer stated that the California Surveyor is now being mailed through a mailing service to non-members of the association, at a bulk rate. Members, for the time being, will receive their copies by first class mail. The change in mailing procedures was caused by the long delay that has occurred in receiving past issues of the California Surveyor. The Secretary-Treasurer also reported that there will be savings made through the use of a bulk rate, after the initial cost of \$260 has been paid for setting up the system.

Mr. Lamoreaux brought up the subject of a monthly newsletter to give our membership up-to-date information. The President agreed that there was a need for communications, but that the problem with publishing a monthly newsletter is one of finances, and the lack of personnel to publish it. Mr. Curtis suggested, as a possible interim measure, that, when special, important matters come up, a Presidential or Secretary-Treasurer type bulletin, as authorized by the Executive Committee, be sent to all members by first class mail. The President requested, and received the Board of Directors' concurrence on this procedure for sending out a bulletin.

Public Relations Committee: Eugene Lockton, Chairman, reported that he had no formal report to present. There were, however, a number of new items to bring up, and one old one. He referred to the old item first — that of special auto license plates, which may be secured, for a fee, with your initials, space, L.S.

Mr. Lockton reported that those who took the LS courses under Tom Gribbin and Roy Minnick improved their chances of passing the state examinations at the rate of about 4 to 1. He suggested that this fact should be brought out at the convention.

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BOARD OF DIRECTORS MEETING Continued from Page 4

In an effort to get the name of the CLSA before the public, Mr. Lockton reported that a thousand post cards with CLSA CARD printed on them were distributed to the chapters. This card is to be addressed, and delivered, with the final map for transmittal to the County Recorder. The County Recorder notes on the card the map recording date, and mails it. Gene feels that it will be a year before the effect of the card can be measured.

Mr. Lockton suggested that the Board of Directors explore the idea that the CLSA be shown as the body requesting the survey on Record of Surveys. David Phares and John Snell indicated concern over the legal ramifications of doing this. The President suggested that this be brought up at local chapter meetings for discussion on the pros and cons, to be reported on at the next Board meeting.

The President inquired as to whether there had been a follow-up on the preparation of articles to appear in the ACSM Journal, in the name of the association. Mr. Lockton reported that one such article is being considered. President Curtis pointed out that the value of such articles is to let other states know that the CLSA is an active organization, working toward the betterment of the status of the Land Surveyors. An article in each issue of their publications is desirable, and a policy advocated by this Board.

David Phares suggested that an award for distinguished service be given at the state level to persons, private or public, who have made significant contribution to the profession of Land Surveying.

There was considerable discussion on the merits of local or statewide awards, and the President suggested that this be considered at chapter meetings, and a report made at the next Board meeting, with recommendations.

Membership Committee Report: Larry Cloney, Chairman, reported that he had committeemen representing every chapter, except Tahoe, Marin, Northern Counties and Sonoma County. Larry requested that the chapter representatives bring this matter to the attention of their chapters.

Mr. Cloney reported on the meeting of the committee held just prior to the Board meeting, and said that the three things they plan to work on this year in particular are: 1) New members. An attempt will be made to personally contact all prospective members. It is hoped that it will be possible to report many new members by convention time. 2) He reported that the committee had not been successful in securing sustaining members, and offered sustaining memberships in this category. 3) Updating of the brochure will be attempted during the coming year. The hope is that this will be accomplished by convention time.

After lunch, President Curtis called the meeting to order at 1:25 P.M., and Dr. Morgan Johnson was introduced as guest speaker by Larry Cloney.

Dr. Johnson has a distinguished background in the field of engineering and land surveying, including teaching at numerous universities. Although immensely interested in surveying, his doctorate is in highways, specializing in soils. He is at present affiliated with the University of Santa Clara. His topic was EDUCATION. At the end of his talk, Dr. Johnson offered to respond to questions, and several were posed, with welcome replies.

Jack Snell proposed that the classifications of membership might be changed by designating the present Associate membership as "Training Membership," and opening Associate Memberships to members of other professions, such as title companies, banks, etc., and civil engineers.

President Curtis stated that the proper channeling of such a proposal would be to present it to the Membership Committee for their consideration, and for them to report their opinion at the next Board meeting.

Status Improvement Committee: Paul Lamoreaux, Chairman reported that, since the committee was organized, they have had three meetings, and have had articles in the past two Surveyors, and expect to have another in the upcoming issue, in which they have solicited hearing about problems of members. So far they have received one

response. The committee is in the process of contacting the state, counties, major cities, and districts, such as the Metropolitan Water District, requesting the number of surveyor personnel they employ, their job descriptions, and by whom they are supervised, etc. Mr. Lamoreaux stated that, when this information is accumulated, the committee will be in a position to recommend a job specification, salary range, and like proposals for all levels of surveyors. These recommendations will include the Federal specifications for land surveyors and the ACSM guide for land surveyors, as well as the information received from the various agencies.

Education Committee: Gene Foster, Chairman, reported that there had not been a meeting of the Education Committee since the last Board of Directors meeting.

President Curtis stated that the Santa Rosa Junior College now offers a course on boundary control and legal principles, taught by CLSA member, Dick Coughlan, which will be heavily attended. Of a maximum of 50 students, approximately 30 had signed up for the two-unit course a week after it was announced. The course will be similar to the course taught at Sacramento.

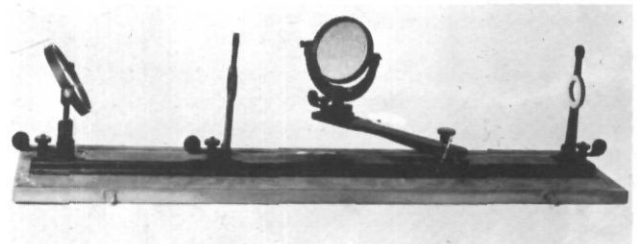
Regarding the seminars presented by Tom Gribbin and Roy Minnick, Mr. Foster reported a high percentage of those attending the seminars passed their state examinations. Mike Burroughs reported receipt of letters from many of those who were successful in receiving their licenses after having attended the seminar in Los Angeles.

In response to a question, Mr. Gribbin explained that the main purpose of these seminars was to assist applicants in the background as to what is expected of them in the test. It was pointed out that no attempt was made to teach the applicants the basics of land surveying.

Constitution and By-laws Committee: President Curtis reported that Robert Jacobson had requested to step down as chairman of the Constitution and By-Laws Committee of the association. Thomas J. Gribbin has gracefully accepted the position as chairman of the committee.

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Mr. Gribbin had no current report, but said he anticipated considerable activity in respect to the constitution and by-laws in the future. He mentioned several proposals that would have to be studied and recommendations made to the Board of Directors.

Fiscal and Administrative Matters Committee: George Colson asked that another chairman be appointed for this committee, as he will be out of the state much of the time in the future. The President agreed to discuss possible replacements with Vice President Burroughs, and announce a new chairman at a later date. He explained that this is an active, responsible committee, and that he felt a member of the Executive Committee should be at the head of it.

Special Committee on the Establishing of Procedures and Guidelines for Chapter Arbitration: At the last Board meeting, Joseph Scherf and George Darling were named as members of this special committee. Mr. Scherf reported that the feeling, as expressed by the Lake/Mendocino Chapter members was that problems or disputes relating to matters in their area might better be handled locally, rather than by referring them to people outside the area. Joseph Scherf, though, pointed out that there would be instances where the bringing in of an outsider would prove to be beneficial where there is controversy. More study is to be done on the subject.

To assist the committeemen in reaching recommendations for presentation to the Board, members who have had related experiences were urged to communicate with Joseph Scherf or George Darling.

President Curtis reported on a discussion with the Board of Registration investigator for his area, and assured him that the CLSA would back any of the investigators in any of their investigations, and pledged complete cooperation in assisting them to evaluate whether, indeed, work in certain circumstances is incompetent.

Miscellaneous Old Business: Mr. Boris brought up the subject of purchasing a supply of lapel pins, in anticipation of a demand for them at the Convention. It was moved by Don Ward, seconded by Gene Lockton, and passed, "THAT THE EDITOR BE AUTHORIZED TO PURCHASE LAPEL PINS TO HAVE THEM ON HAND IN TIME FOR THE CONVENTION, THE COST TO BE APPROXIMATELY \$200.00.

New Business: Mr. Wooldridge stated that he would like to have the subject of travel cost of directors who come to the meetings from 300 miles or more, referred to the Fiscal and Administrative Matters Committee for consideration, because of the importance of their attendance at the meetings. He read a prepared resolution for foundation of the study by the committee.

The Chair entertained a motion to "SEND THE RESOLUTION TO THE FISCAL AND ADMINISTRATIVE MATTERS COMMITTEE," and it was moved by Dave Roberts, seconded by W.O. Gentry, and passed.

Legislative Committee: President Curtis brought up the subject of his authorization to sign the contract with Alvar Yelvington, who has been recommended by the Legislative Committee to be our legislative advocate. Along with this recommendation from the committee are other recommendations, which the President brought up for consideration.

Ross Armstead moved "THAT THE REPORT OF THE LEGISLATIVE COMMITTEE BE ADOPTED, WITH ITEM #2 - RETAINING MR. YELVINGTON ONLY." The motion was seconded by Jack Snell, and carried by a majority.

C.A. Wooldridge introduced the following resolution:
RESOLUTION NO. 71-1:

WHEREAS, progress has been made in the nine months since the California Land Surveyors Association Board of Directors adopted Resolution 70-5, on July 18, 1970, and

WHEREAS, most progress has been made in the first and third priority items and

WHEREAS, it is the considered opinion of this Board of Directors that the second matter, convincing engineering societies of our convictions, has become the critical problem, and

WHEREAS, this matter affects our entire program, not just the Legislative effort, therefore be it

RESOLVED that such selling campaign be, and it is hereby declared to be, our major effort, and, be it further

RESOLVED that the California Model Act shall not be introduced in the Legislature until so ordered by this Board of Directors.

Chuck Wooldridge moved that RESOLUTION NO. 71-1 be ACCEPTED, and was seconded by Homer Banks, Jr., and carried by a majority.

The President pointed out that direction as to whom should be expected to carry out the action should be included in the resolution. Mr. Wooldridge stated that cooperation among all committees should be the policy, and President Curtis agreed.

The President referred to a letter addressed to the Board of Registration, in response to their request re the Board's engineering registration policy, which was not directed to the CLSA, but the reply was composed by the Legislative Committee, to be signed by President Curtis for the association, if approval is given by the Board of Directors.

It was moved by Joseph Scherf, seconded by George Colson, and passed, that "PRESIDENT CURTIS BE AUTHORIZED TO SIGN THE LETTER FOR THE CLSA."

April Board of Directors Meeting: There was some discussion as to whether there should be a meeting in April, and another in May, preceding the convention. The Chair noted that a special meeting could be called, if needed, during the convention. It was moved by Homer Banks, seconded by James Adams, and carried, that "THE NEXT MEETING OF THE BOARD OF DIRECTORS BE HELD APRIL 24TH, AT THE SAME LOCATION IN SAN JOSE. ▲



Oh - this is a bobby plumber!

BALLOT FOR ELECTION OF 1971 OFFICERS & DIRECTORS

PRESIDENT

- 69 Edward A. Boris, Jr. L.S.
- 93 Robert W. Curtis, L.S. Elected

VICE PRESIDENT

- 64 Michael J. Burroughs, L.S. Elected
- 56 George P. Colson, L.S.
- 43 William O. Gentry, L.S.

SECRETARY-TREASURER

- 100 James E. Adams, L.S. Elected
- 60 Lawrence J. Cloney, L.S.

DIRECTORS

- 119 G. Ross Armstead, L.S. Elected
- 74 Homer Banks, Jr., L.S. Elected
- 55 Leonard D. Berry, L.S.
- 57 Clyde C. Cabrinha, L.S.
- 72 Thomas J. Gribbin, L.S. Elected
- 59 A.E. Griffin, L.S.
- 72 Charles N. Hathaway, L.S. Elected
- 66 Fred W. Henstridge, L.S.
- 84 Paul W. Lamoreaux, Jr., L.S. Elected
- 65 John LaTorre, L.S.
- 43 Jerry Tippin, L.S.

Constitutional Amendment	YES	128	NO	26
By-Laws Amendment No. 1	YES	139	NO	20
By-Laws Amendment No. 2	YES	146	NO	13

CONSTITUTIONAL AMENDMENT

**ARTICLE IV
MEMBERSHIP**

The membership of the Association shall be as follows:

(a) Any person who is a Licensed Land Surveyor or a Licensed Photogrammetric Surveyor in the State of California shall be eligible to apply for membership herein as a REGULAR MEMBER.

BY-LAWS AMENDMENT NO. 1

**ARTICLE III
OFFICERS AND BOARD OF DIRECTORS**

Section 7: The nominating committee shall nominate one or more candidates for each office to be filled. The committee shall make its recommendations to the Board not later than October 15th. Upon approval of the Board, the Secretary-Treasurer shall notify the general membership not later than November 1st of the selections of the nominating committee. Additional nominations may be proposed at this time by the general membership upon submission of a written petition to

the Secretary-Treasurer, containing the signatures of ten or more Regular Members. Such additional nominations shall be received not later than November 23rd. The Secretary-Treasurer shall mail, not later than December 1st, a ballot containing all nominees for each office to all Regular Members. To be valid, all ballots must be received by the Secretary-Treasurer not later than December 31st. Those candidates receiving a plurality shall be elected. The chairman of the nominating committee shall notify the Board of the results of the election prior to the opening of the annual meeting. The new officers and directors shall be installed at the annual meeting.

BY-LAWS AMENDMENT NO. 2

**ARTICLE IV
MEETINGS**

Section 1: The Board of Directors shall hold a regular meeting in January of each year which shall be known as the "Annual Meeting." It shall be held at such time and place as may be prescribed by the Board of Directors.

Section 3: The Board of Directors shall determine the program and nature of business of all meetings, unless otherwise provided in the Constitution or By-Laws.

Section 4:

- (a) The latest edition of Roberts Rules of Order shall be accepted by the Association on all questions of parliamentary law.
- (b) The order of business for the Annual Meeting shall be as follows:
 1. Reading of minutes of the previous annual meeting.
 2. President's address, which shall include the annual report of the activities of the Board of Directors and such recommendations as it may desire to make to the Association.
 3. Report of the Secretary-Treasurer.
 4. Report of the standing committees.
 5. Report of the special committees.
 6. Unfinished business.
 7. New business.
 8. Announcement of election and installation of officers for the ensuing year.
 9. Adjournment.
- (c) The preceding order of business may also be varied by the President and Board of Directors, if necessary.

Section 7: An annual convention shall be held each calendar year at such time and place as may be prescribed by the Board of Directors. The President shall appoint a committee for the purpose of preparing the program for the annual convention with the approval of the Board of Directors. The convention program may be reviewed and approved by the Board of Directors. ▲

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS
THE FOLLOWING APPLICANTS PASSED THE AUGUST 14 & 15, 1970 WRITTEN EXAMINATION
FOR LICENSE AS A LAND SURVEYOR:

NORTHERN CALIFORNIA

Anderson, Marvin Carl Pine Grove
 Armada, Raymond Ernest Fremont
 Burns, Richard Jay Sacramento
 Cardoza, Edward Manuel Atwater
 Chellis, Dean Petersen Yuba City
 Compton, Gerald E. Chico
 Cotter, Leon Frederick Vacaville
 Dean, Douglas Leroy Sacramento
 Ding, Gerald Frederick Loomis
 Driscoll, David Ronald Oroville
 Eshleman, Wallace Booth Mill Valley
 Fenske, Lawrence Richard Sacramento
 Foley, Donald James Fresno
 Gregory, Paul Jurdson Merced
 Grippi, Joseph Novato
 Hanson, Russell T., Jr. Sacramento
 Heisey, Ellwood Woltz Nevada City
 Hensley, Charles Bruce Redding
 Holcomb, Donald Ray San Jose
 Isborn, Benjamin Newton Kelseyville
 Kiley, Lance James Sacramento
 Langan, John Edward Daly City
 Le Noue, Orville Leo San Rafael
 Leslie, Keith Roy Woodland
 Lewis, Kenneth Norman Watsonville
 Lewis, Myron Allen Hayward
 Massucci, Louis San Jose
 Morton, Jennings Byron Sacramento
 Muncy, Charles William Gridley
 Murphy, Frederick Alexander Sacramento
 Packard, William Donald Sacramento
 Pride, George Frederick Orland
 Reese, Robert La Verne Sunnyvale
 Roy, Richard Alan San Jose
 Sabin, Daniel Healy Yuba City
 Sauer, Arthur Earl Salinas
 Scheel, Ralph Nicholas, Jr. Elk Grove
 Schilling, Edward Berkeley
 Seals, Travis John Fremont
 Snyder, Ned Joseph Grass Valley
 Sturdivant, Jesse David Fair Oaks
 Swink, James Roger Modesto
 Thinggaard, Raymond B. Redwood City
 Thompson, James Ledford, Jr. San Rafael
 Troughton, Robert Edward Sacramento
 Van Zander, John Meyer Carmel
 Waag, Dale Glenn Petaluma
 Walker, Bill J. Yuba City
 Warenski, William Owen Chico
 Webb, James Ottie, Jr. San Mateo
 Weldon, Garry Alan Fair Oaks
 Whittle, Don Clark Salinas
 Wilson, Robert Ward Walnut Creek
 Winchell, David Dale Tahoe City
 Yao, Shinji San Francisco
 Zimmerman, Edward Guy Sacramento

SOUTHERN CALIFORNIA

Adams, James Robert Grover City
 Addington, William Hampton Rialto
 Bateman, Lawrence Stanley Arcadia
 Bicksler, Theodore Albert Arcadia
 Bourgerie, Richard Delano Reseda
 Britzman, Ronald Dean Whittier
 Brooks, Floyd Esmond La Puente
 Cavdek, Victor Los Angeles
 Cobb, Gary Jack Bloomington
 Cordova, J. Frank Northridge
 Creacey, Desmond Floyd San Bernardino
 Drake, David Gibson San Fernando
 Dumas, George Nicholas Goleta
 Elmore, Clyde Eugene San Diego
 Emerson, Robert Lynn Glendale
 Finch, R. Raymond San Luis Obispo
 Frazier, Wilbur Trevor La Mesa
 Frosio, Gerald Robert La Mesa
 Gary, George Edgar Colton
 Gooch, James Harvey Palmdale
 Graham, David Mitchell Saugus
 Grimes, David Franklin Los Angeles
 Hansen, Albert John Mission Hills
 Harness, Darrell Troy Rialto
 Heavener, Joddie Carl San Carlos
 Hughes, Wiley Dee Bakersfield
 Irby, Jerry M. Colton
 Irvine, Charles Douglas Manhattan Beach
 Johnson, Gilbert F. West Covina
 Kelly, Donald Stephen Redland
 Klassen, Robert Ernest Temple City
 Kramer, Robert Henry Montebello
 Lopez-Cornide, Francisco Victorville
 Maas, Francis Allen La Puente
 Margrave, Tallas Doyle, Jr. Rialto
 Marshall, James Alexander Arcadia
 Martin, Albert Patrick Redondo Beach
 Masgai, Gerald Dean Long Beach
 McCarty, Dennis Ronald Del Mar
 Miller, George Harley Burbank
 O'Malley, Martin James Brea
 Parker, Richard Louis San Diego
 Pembroke, John Harvey Upland
 Peterson, John Myron Anaheim
 Poole, Ted Frank Baldwin Park
 Raynor, Wallace William San Bernardino
 Reep, Wayne Sheldon El Monte
 Rhorer, Raymond Wilbur Los Angeles
 Rutledge, Louis Eugene Oxnard
 Stayner, Gerald Adreon Riverside
 Stickman, John Wesley Riverside
 Stilling, Ward Adelbert Van Nuys
 Truax, Harry Lincoln Carlsbad
 Waters, Joseph Edward Goleta
 Welsh, Richard Lee Granada Hills
 Williams, Walter Irvin Redlands

C.L.S.A. CONVENTION
MAY 21 - 22, 1971



at the sign of the racing camel

Caravan Inn

CONSULTING LAND SURVEYOR?

The people of the State of California do enact as follows:

SECTION 1. Section 6730.1 of the Business and Professions Code is amended to read:

6730.1 Any person registered prior to June 30, 1969, or any person who has been granted permission to use the title "consulting engineer" prior to June 30, 1969; who submits proof satisfactory to the board that he has practiced for five years as a mechanical or electrical engineer, either self-employed or as an employee of an employer receiving wages or salary, shall be permitted to be registered in one or both of these branches, if he files application with the board before June 30, 1971.

A person who has been granted permission to use the title "consulting engineer" as provided in Section 6732.1 shall have complied with this section upon submitting proof that he has, since receiving such permission, continued in that practice of mechanical or electrical engineering or both.

SEC. 2. Section 6732.2 is added to the Business and Professions Code, to read:

6732.2 Any person who possesses a valid certificate to practice photogrammetry issued to him under the provisions of Chapter 15 (commencing with Section 8700) of this division may apply for, and be issued, a certificate of authority to use the title "consulting engineer," if all of the following requirements are satisfied:

(a) Application is made on a form provided by the board and is accompanied by the fees prescribed in Section 8805.

(b) Information submitted evidences to the satisfaction of the board that the applicant has had five years of independent control in furnishing consulting photogrammetric, geodetic, or topographic surveying services or consulting surveying services in connection with fixed works as defined in Section 6731.

Authority to use the title "consulting engineer" granted under this section does not affect authorizations made under the several provisions provided in Section 6732.1

Authority to use the title "consulting engineer" granted under this section shall remain valid only while its holder's basic license is valid, and if it lapses it may be renewed only as provided in Article 7 (commencing with Section 6795).

The provisions of Article 5 (commencing with Section 6775), Article 6 (commencing with Section 6785), and Article 7 (commencing with Section 6795), of this chapter, shall apply to the certificates issued as provided in this section and to the persons so certificated.

FINDING OF EMERGENCY

The Board of Registration for Professional Engineers finds that an emergency exists and that the attached regulation is necessary for the immediate preservation of the public peace, health and safety or general welfare. A statement of the facts constituting such emergency is:

Applications for permission to use the title "Consulting Engineer" pursuant to Section 6732.2 of the Business and Professions Code are presently being accepted. The rule is required immediately to establish procedures for applicants.

The said regulation is therefore adopted as an emergency regulation to take effect immediately upon filing with the Secretary of State as provided in Section 11422(c) of the Government Code.

Section 470. Permission to Use the Title "Consulting Engineer" Under Section 6732.2.

- (a) This rule provides criteria for evaluation of applications submitted under Section 6732.2 of the Professional Engineers' Act as amended in the 1970 Session. To be eligible for permission to use the title "consulting engineer," under this section, an applicant must be a legal resident of California and maintain his office and practice in California.
- (b) To establish eligibility, the applicant must:
 - (1) Possess a valid California license as a photogrammetric surveyor or as a land surveyor which shall have been in full force during the entire period of practice required in (2), below.
 - (2) Submit evidence, satisfactory to the board, that he has had five years of independent control in furnishing consulting photogrammetric services in geodetic, topographic or consulting surveying in connection with fixed works as defined in Section 6731.
- (c) Definitions:
 - (1) "Consulting" is defined as the act of providing professional or technical advice or services in an individual capacity for a specific client, for a fee.
 - (2) "Independent control" is defined as complete freedom of professional decision-making and complete professional responsibility therefor.
 - (3) "Five years" is defined as any cumulative five years in time during which the applicant has independent control in furnishing the services cited in (b)(2), above.
- (d) The applicant shall use the application form furnished by the board, and shall submit additional documentary evidence as necessary to establish proof of eligibility. Additional evidence must be identifiable with the applicant, must bear appropriate dates and, although not limited to, shall be generally as follows:
 - (1) Plans, specifications, reports, maps, signed affidavits, invoices, billings, letters, contracts, agreements and the like signed by the applicant at the time of their preparation to indicate his independent control of the services represented.

Continued on Page 13

COMMENTS AND LETTERS, From In, Out and Around

STATEMENT OF CONDITIONS

Charles H. Randall, Jr., L.S.

Editor: - Charles H. Randall Jr. is Chairman of the Public Agency Liaison Committee of Santa Clara - San Mateo Counties Chapter of C.L.S.A.

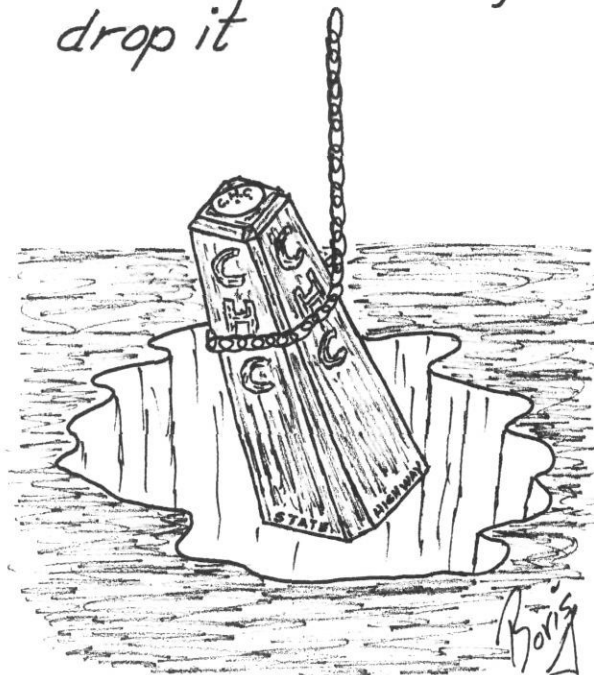
By definition, the functions of retracement of existing boundaries, their ties to highway control systems, the establishment of such control systems, the staking of rights-of-way, the writing of deed descriptions, and the preparation and filing of maps for public record, are all identified as Land Surveying operations, as far as state law is concerned, as prescribed by the Calif. Land Surveyors Act.

The California Division of Highways continually practices within this scope, and at the largest creator of new boundaries within our borders, is consequently the largest Principal in the Land Surveying business, in the most populace state in the United States of America. How then, can doubts be justified as to future needs of the said Principal as to the employment of Land Surveyors as a professional classification?

Indeed, there are those within the Division who flatly state, that the Division of Highways is not engaged in Land Surveying. Does the Land Surveyors Act provide a different yardstick for public agencies as to the definition of Land Surveying? We think not.

Continued on Page 11

that's close enough
drop it



Dear Mr. Robert W. Curtis:

William A. White and I are co-chairing the ACSM portion of the technical program for the 1971 ASP and ACSM Annual Fall Convention in San Francisco, California during September 7-11, 1971.

We are interested in obtaining papers on timely and interesting subjects relating to Property Surveys, Control Surveys, Mapping, and Computer Technology. Bill and I extend an invitation to you and your organization to submit proposals for papers of interest for review and possible inclusion in the final program.

Proposals should include the following information in triplicate: title of paper; author's name, address, title and affiliation; informal summary or abstract of technical content less than 200 words; and estimated time for presentation (not to exceed 30 minutes).

Proposals must be submitted to the undersigned by March 15, 1971. Authors will be notified of the status of their papers by April 14, 1971. Those whose papers are accepted will be asked to submit biographical sketches and visual aid requirements. The final deadline for receipt of papers is July 1, 1971, so they may be published in book form for distribution at the convention.

We would be very pleased to receive your help in connection with this matter to help make the program a success.

Charles E. Moore
Co-Chairman, ACSM Program
1708 Drexel Drive
Davis, California 95616

AD HOC ADVISORY COMMITTEE

The Board of Registration for Professional Engineers requests the Committee of Messrs. C. E. Greenwood, Jr., Harold W. Musser, Simon Perliter, Charles A. Wooldridge to study the following questions and to convey its findings and recommendations to the Board:

1. Has the practice of Land Surveying by registered Civil Engineers resulted in serious problems from the standpoint of the public health, safety and welfare?
2. If the answer to question No. 1 is "yes," please describe the nature of these problems and give us your evaluation of their adverse effect on the public health, safety and welfare.
3. Is it anticipated that problems will arise in the future or that existing problems will become more severe?
4. If serious problems exist or are anticipated in the future, what Board policies and actions would you recommend to deal with them. ▲

DEAD LINE DATES FOR THE CALIFORNIA SURVEYOR
Summer Edition May 29, 1971
Fall Edition August 14, 1971

Articles, Reports, Letters, etc., received after the above mentioned date will be placed in the next Edition.
- Editor

STATEMENT OF CONDITIONS Continued from Page 10

Some personnel in the division, consider the State of California to be exempt from its laws pertaining to the regulation of the practice of Land Surveying, as the land involved is part of the public domain. It must be remembered that highway boundaries are also common boundaries of thousands of private adjoining, and that compliance of standards less stringent than that demanded by law of private practitioners, should be considered an exercise of police power, and must not be tolerated by the citizens of a free country.

Professionalism in Land Surveying entails a trust to protect the public interest in all operations, and the ethical practitioner will decline service to a client who demands abandonment of this trust.

I quote a portion of "The Model Law," prepared as a guide for the preparation of relatively uniform state laws regulating the registration of Civil Engineers and Land Surveyors. This includes revisions through 1968, and has been approved by the National Council of Engineering Examiners (N.C.E.E.).

Under Chapter II, "Registration of Land Surveyors" . . . "Section 18 (a) This state and its political subdivisions such as counties, cities, towns, townships, boroughs, or other political entities or legally constituted boards, commissions, or authorities, or officials or employees thereof shall not engage in the practice of Land Surveying involving either public or private property without the survey being under the direct charge and supervision of a registered land surveyor as provided by this Act."

Civil Engineers are not exempted from compliance. This is a national trend, and indeed 32 states now require Land Surveyor registration as a condition of practice, while only 8 states made such requirement in 1958.

The chapter of the "Model Law" quoted, was prepared by joint committee of the N.C.E.E. and the American Congress on Surveying and Mapping, and has been endorsed by the A.C.S.M.

Policy making public officials as agents for the Principal and as representatives of the people, should be considered trustees of the public welfare in the following three categories.

1. The public motorist, as the paying client.
2. The multitude of adjoining subject to the absolute authority of eminent domain.
3. The user of publicly recorded boundary evidence, including both the Land Surveyor in private practice, and his client, as well as other public agencies.

Under the second and third categories, when highway construction obliterates physical evidence of boundary location without adequate provision for perpetuation of the locations, cost to a private client for a survey of his property can increase drastically, sometimes even causing a client to cancel his survey, which of course further hinders perpetuation of evidence. At times his influence can be felt considerable distance from the destroyed evidence as in the case of destruction of street center line monuments.

Perpetuation of evidence can cost a public agency more initially, but can save property owners thousands of dollars annually, contributing materially to public relations. Bitterness the part of adjoining and others nearby, can cost the agency materially in future right-of-way negotiations.

Significantly, as agents for the same sovereign which determines and enforces professional standards for Land

Surveyors and Civil Engineers, the department heads should be obligated to set a good example to private practitioners. A "Do as I say, don't do as I do." policy invites hedging of the rules by some who ask "why should I when the state doesn't have to." Most Land Surveyors and Civil Engineers are above this practice, but a few with this outlook can cause considerable damage to their clients and to the public record. It is nothing short of hypocrisy for a sovereign to exclude itself from its own regulations regarding professional conduct.

Knowledge and application of professional conduct in Land Surveying must come from people who are qualified by education and field experience, as others without this specific Land Surveying experience can not understand what true qualification consists of. I refer you to a policy statement adopted by the Board of Direction of the American Congress on Surveying and Mapping, and approved Mar. 17, 1970.

"Land Surveying in the United States is a separate and distinct field of professional practice, based on a unique educational background. It requires entirely separate licensing and fully qualified representation on examining and licensing boards.

4. The complex of licensing laws and regulations within each state should assure that those licensed to practice each of the professions are educated, experienced, and competent to practice the profession as a means for safeguarding the public interest.

At present there is *no qualification whatsoever* in the field of *Land Surveying necessary* to attain registration as a Civil Engineer and be *allowed to practice Land Surveying* under the "exclusion" in the Land Surveyors Act.

This declaration should in no way be construed as a discrimination against the Civil Engineer who has made it his business to truly qualify himself, by reason of experience, in the field of Land Surveying. Indeed such person should have little difficulty passing the Land Surveyor Examination. Such Engineers truly qualified in Land Surveying should be sought out and be assigned responsible positions over Land Surveying operations in our public agencies, however the supply of such doubly qualified professionals is so small that Land Surveyors must be hired in their professional capacity or a substantial number of supervisory positions will continue to fall into the hands of those not qualified to supervise Land Surveying operations of the agency.

Land Surveyors, in order to attain their professional status must have had at least 6 years experience in the field (or its equivalent) in Land Surveying operations in order to qualify for admittance to the 16 hour examination. In order to pass this examination he must prove thorough knowledge of legal principles, rules of evidence, determination of desirable accuracy and the most efficient supervision and control techniques to employ in the accomplishment of this goal. He must be adept in the preparation and filing of notes and maps for the public record in such manner as is most likely to avoid litigation against himself or his client. He must be familiar with manpower utilization techniques for achieving permanent control without the expense of unnecessary embellishments.

He must be familiar with the theory of errors and the most likely opportunities for human mistakes, and be skilled at minimizing their occurrence. He must readily determine how much checking is adequate and at what point it becomes superfluous, which varies considerably according to the type of operation and the intended purpose of the result.

Continued on Page 12

STATEMENT OF CONDITIONS Continued from Page 11

These qualities are brought to fruition only after years of observation and dedicated experience in the field, and can never be duplicated by "top of the head 'logic,'" as some unqualified personnel might try to employ. He passes his arduous examination only after home study regimen comparable in time and effort to that required for attaining a bachelors degree in engineering.

Many Land Surveyors, by reason of their background experience, have surveyed on engineering projects, and most have sufficient broadness of background to effect liaison with construction engineers, so fear of the "narrowness" of our "specialty," is largely unfounded.

The Land Surveyor has been required to show his supervisory potential by the enlistment of five professional references on his application.

Recently, a member of the State Board of Registration for Professional Engineers, stated that a Civil Engineer who is not qualified by experience to do Land Surveying should automatically disqualify himself from that function. Again the double standard. Engineers in public employ traditionally accept the assignment made by the agency, regardless of qualification. How can a supervisor function effectively unless he is qualified in the field of his subordinates? How can he understand the problems of the subordinate or be able to determine if his job is being well done?

We have been told by a member of the California State Board of Registration for Professional Engineers, that we have no problem, and that incompetence demonstrated by physical acts should be reported to the Board for punishment. A Land Surveyor employee of the California Division of Highways, (and many other public agencies) has no professional charge as far as the Division is concerned, and must be delegated to a sub-professional role. How far do you think such a person would get charging professional incompetence of his registered Civil Engineer supervisor, no matter how well deserved? In many cases incompetence is well hidden, and the damage comes to light long after sufficient evidence of physical acts had disappeared.

Qualification by education and experience is the only answer, and that is what present Land Surveyor licensing requirements demand.

It certainly doesn't seem justifiable for the largest Principal in the Land Surveying business to be unsure that the Land Surveying operations of the agency will require a great many more qualified Land Surveying professionals than can be supplied from the ranks of the Civil Engineers.

Property Surveying will always be a major function of the Division regardless of trends, as highways will continue to absorb new land necessitating creation of new boundaries, and the demand for the truly qualified will never cease.

There can be no doubt that the "exclusion" in the Land Surveyors Act which allows Civil Engineers to practice Land Surveying being twisted to prohibit the Land Surveyor from practicing his own profession in the employ of the largest Principal, is certainly one of the greatest miscarriages of justice in our time. Continued refusal to employ Land Surveyors professionally should be construed as a preference, on the part of policy controlling officials, of administrative expediency over the best interest of the public, and fairness to the Land Surveyors of California.

The failure of our colleges and universities to retain even minimal Land Surveying courses as a requirement for a Bachelor of Science degree in Civil Engineering, has accelerated the urgency for new curricula leading to college degree in Land Surveying. Sky-rocketing labor costs, demand greater personnel efficiency techniques. Inflation of land values, fantastically out of proportion with the general economic inflation, demand increasing certainty of freedom from surveying mistakes, as our law-suit-happy populace lies in wait for opportunity to initiate disastrous litigation.

Rapid advance and increased utilization of photogrammetric and electronic distance measurement intensify the need for separate Land Surveying curricula. Principals in the Land Surveying business need ever increasing capital outlay to even start their venture, as well as considerable experience in the employ of others. As public agencies conduct such a large proportion of the Land Surveying business, if they do not increase measurably the openings for Land Surveyors in a professional capacity, with appropriate compensation, the demand for Land Surveying Curricula will wither for lack of applicants. But few will weather four demanding years of college for very limited number of openings, insufficiently compensated, and woefully slim in advancement opportunity. Without sufficient openings in public employ, the post college experience opportunities will be deficient, contributing to serious deficiency in the supply of qualified Land Surveying Principals. This condition cannot do otherwise than deliver an increasing proportion of Land Surveying into the hands of the unqualified, which of course is a disservice to the public as well as our profession as a whole.

The time has come for vigorous action to convince the powers that be that continued reluctance to employ Land Surveyors in professional capacities will result in higher survey costs, due to inexperienced conduct of operations higher possibility of exorbitant litigation, inferior surveys to adjoiners, hence a disservice to many facets of the public welfare as well as a gross injustice to the integrity of the professional standing of the Land Surveyors of California. ▲

CLSA CONVENTION Continued from Page 1

as well as Ladies' Tour tickets may be ordered after the mailing of the final program the last week in March. Caravan brochures and room reservation cards will also be included in that mailing.

Many fine exhibits of the modern equipment used by California land surveyors will be housed in the Safari Room which adjoins the main dining room. Also, watch for interesting miscellaneous exhibits in the Gold Room, near the swimming pool.

Advance registration was declared open with the first mailing which went out the first week in February.

We, of the Sacramento Chapter wish you a hearty welcome to the CLSA 1971 Convention. ▲



- (2) References, at the option of the applicant, which will tend to substantiate the applicant's claims of eligibility.
- (e) Applications shall not be considered by the board unless accompanied by an application fee of \$40. No refund of application fees shall be made except when an application has been filed by mistake, inadvertence or error, and the board so notified by the applicant before final action on the application is taken by the board.
- (f) Applicants whose applications have been approved by the board will be issued a certificate of authority to use the title "consulting engineer," upon prepayment of a certificate fee as prescribed by Section 8805.
- (g) The certificate of authority is subject to renewal on a biennial basis as required by law and will not be renewed unless and until the corresponding license as photogrammetric surveyor or land surveyor is also renewed. ▲

ERRATUM

In the article "President's Message" (The California Surveyor, Winter Edition) the first sentence on page 11 should read "... education and high standards are all interrelated, ..." The word "all" was inadvertently omitted in the article as it was published. ▲

CLASSIFIED ANNOUNCEMENTS

Rates: \$2/line CLSA members; \$4/line non-members and business

Clary DE 60 computer, drafting table, light, elec. eraser, Monroe 8-F rotary calc. All for \$2195—sell all or part. R.C. Nuckles, 4904 Greenbrier Ave., Bakersfield, Calif. 93306, (805) 871-0281.

resulted from it's demise, we have a new proposal, the model law as proposed by N.C.E.E. but modified to follow our existing administrative procedures and incorporate our Record of Survey provisions.

C.L.S.A. now has inter-professional relations with many other groups and we have liaison committees working with some groups on common goals.

Where in California, or the entire United States, could a young man obtain a proper education in Land Surveying. With few notable exceptions, Land Surveying education has been all but non-existent. We now have a Bachelor of Science Degree in Surveying and Photogrammetric Technology at Fresno State. C.L.S.A. has pledged itself to work towards the success of this program and is asking for the support of every Land Surveyor and agency in the state. C.L.S.A. chapters are also establishing educational programs for Surveyors throughout the state.

Because of our membership from both sides of the fence so to speak, C.L.S.A. chapters have been effective in assisting city and county staffs in establishing meaningful local survey standards, Parcel Map requirements and proper compliance with Record of Survey requirements to mention just a few.

As a direct result of C.L.S.A.'s efforts, the Board of Registration has formed a top level professional committee to study matters brought to their attention by C.L.S.A.

C.L.S.A. has more than proven itself over the past five years and we will continue to do so, because the men who make up C.L.S.A. are Land Surveyors who are dedicated and have a purpose.

I would not, for a minute, suggest C.L.S.A. has all the answers or that we haven't made our share of mistakes. Nor would I suggest C.L.S.A. can, in anyway, replace such fine organizations such as A.C.S.M. and C.C.C.E. & L.S. I personally have membership in all these groups and actively support them. C.L.S.A. is an affiliate member in A.C.S.M.

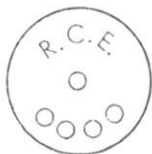
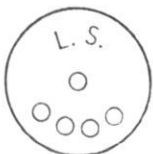
You might say it's a matter of attitude in C.L.S.A. When we look at half a glass of water, we say the glass is half full instead of half empty. We like to think positive.

If you are a Land Surveyor and not a member, ask yourself, why not? ▲

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Its management/accounting package is tailored to give the management information *you* want and does your accounting, when *you* want it.

We're not computer manufacturers. We recommend the best computer hardware and install *only* what you need to make maximum use of our software. We mean that. Our firmware is new and proprietary. Think of it as "hard software", software reduced to hard wire in terms of your engineering application. Its efficiency will save you money.

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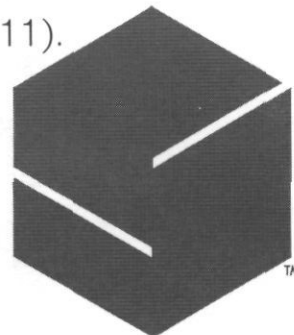
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a. **Name** _____

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c. **Mailing Address** _____ **Phone No.** _____

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