

Institutional Affiliate of American  
Congress on Surveying and  
Mapping

# The California Surveyor

**THE VOICE OF THE LAND SURVEYORS OF CALIFORNIA**

No. 20

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1971

## LEGISLATIVE REPORT

*Chuck Wooldridge, L.S.*

Review of proposed legislation and appropriate action to produce desirable laws is the primary function of your Legislative Committee. This activity has been a major portion of the job being done, with nearly half of the time required for the committees monthly meetings devoted to this task. A position has been taken on 96 bills with major considerations as follows:

A.B. 2861 by Leroy Greene was our Land Surveyor In training bill. We asked the engineer legislator to author it because we could see no conceivable engineering opposition to it and we so advised him. Just before its first hearing our new found liaison paid off. We were informed of the opposition of two associations instead of the former procedure of being surprised by the opposition at the hearing. We advised the author and voluntarily dropped the bill instead of embarrassing him with the engineer's opposition.

S.B. 1055 by Senator Marks has been amended to require the use of Parcel Maps for any land division. We helped provide wording for this bill and now support it as it moves through the Assembly.

A.B. 462 by Assemblyman Leroy Greene was amended as we requested to retain Temporary Licenses for out of state licensees and has been signed by the Governor to become Chapter 108 of the Statutes of 1971.

The McCarthy package of five bills, A.B. 1300 through 1304 regarding "premature" subdivisions have been modified somewhat to make them technically workable and cleared the Assembly. We have helped clarify the problem areas and, while believing further change desirable, can probably live with them if they become law.

A.B. 1320 redefining "responsible charge of work" in the PE Act has become Chapter 321. Chapter 322 was A.B. 1321 and redefines "supervision of construction" in the PE Act.

A.B. 1322 is Chapter 323, permitting the Registration Board to recognize and register engineering branches not recognized by ECPD.

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STATE OF CALIFORNIA  
BOARD OF REGISTRATION FOR  
PROFESSIONAL ENGINEERS  
AD HOC ADVISORY COMMITTEE

## REPORT IN RESPONSE TO CHARGE TO COMMITTEE

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?

Yes, there is a problem and no, it has not become serious. It involves both licensees, which goes beyond the scope of this charge.

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.

Boundary surveys, particularly poor retracement and redocumentation of original surveys and the remonumenting of "lost" and obliterated corners. The welfare of the general public is most vulnerable to this type of practice, because the public may suffer economically through litigation and loss of real property. Other aspects of surveying impose similar damaging effect on the public to a lesser extent based on the same lack of knowledge.

3. IS IT ANTICIPATED THAT PROBLEMS WILL ARISE IN THE FUTURE OR THAT EXISTING PROBLEMS WILL BECOME MORE SEVERE?

Yes, the problem can be expected to become somewhat 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.

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**BOARD OF DIRECTORS MEETING  
ABSTRACTS OF MINUTES**

*James E. Adams, L.S.*

The CLSA Board of Directors met at the Royal Inn of San Francisco Airport on July 24, 1971. President Robert W. Curtis called the meeting to order at 10:10 A.M.

**ATTENDANCE**

*Board of Directors:*

President, Robert W. Curtis .....	Present
Vice President, Michael J. Burroughs .....	Present
Secretary-Treasurer, James E. Adams .....	Present
Director, Ross Armstead .....	Present
Director, Homer Banks, .....	Present
Director, C.N. Hathaway .....	Present
Director, Paul W. Lamoreaux, Jr. ....	Present

*Chapter Representatives*

Bakersfield, Don Ward .....	Present
East Bay, Edward A. Boris, Jr. ....	Present
East Bay, C.A. Wooldridge, Jr. ....	Present
Lake/Mendocino, Joseph Scherf .....	Present
Monterey Bay, George Darling .....	Present
Mother Lode, John La Torre .....	Absent
Northern Counties, John H. Ashbaugh .....	Absent
Sacramento, Eugene L. Foster .....	Present
Sacramento, John W. Snell .....	Present
San Joaquin Valley, Edward A. Major .....	Present
Santa Clara/San Mateo, Lawrence J. Cloney .....	Present
Santa Clara/San Mateo, James Foulk .....	Present
Santa Clara/San Mateo, Henry O. Young .....	Present
Sonoma County, Dave Roberts .....	Present
Southern Counties, Clyde C. Cabrinha .....	Present
Southern Counties, Donald E. Bender .....	Absent
Tahoe, Jerry Tippin .....	Absent

*Non-voting members*

Maurice E. Lafferty, Education Committee Chairman  
Leonard D. Berry, Bakersfield

**OLD BUSINESS**

**President's Report:** President Curtis, on behalf of the association and this Board of Directors, wished to express thanks to the Sacramento Chapter and to the convention chairman, Eugene L. Foster, for the fine job that was done at the 1971 Convention, in Sacramento.

President Curtis reported on the joint meeting of the Executive Committees of the CLSA and the California Council of Civil Engineers and Land Surveyors, which was held on June 5, 1971, at the San Francisco Airport. The purpose of the meeting was to establish a working liaison between the two groups. It was agreed that a liaison committee would be formed to study and make recommendations, to their respective Board of Directors, of problems and projects in areas of mutual interest.

**Secretary-Treasurer's Report:** Mr. Adams, reported, under the Secretary's report, that the association now has 411 members. Of the 411 members, 358 members are Regular members. He stated that, as of this date, 39 Regular members and 11 Associate members have not paid their 1971 dues.

**COMMITTEE REPORTS**

**Legislative Committee:** Chuck Wooldridge reported that the California Model Law had been reviewed and redrafted, by a sub-committee of the legislative committee, into legislative bill form and renamed "The CLSA Legislative Proposal, dated July 17, 1971." The legislative proposal incorporates some of the concepts that evolved from the liaison activities.

Chuck stated that, as directed by Resolution No. 71-5, the Legislative Committee recommends to the Board of Directors, that

1. The CLSA Legislative Proposal be introduced for interim study by October 4, 1971.
2. The Legislative Committee be directed to continue its liaison activities in order to reach a solution to our problems and to report to the Board of Directors by October 4, 1971, the results of these activities.
3. That the Legislative Committee be authorized to have the services of our legislative advocate during the interim study period.

Chuck reported that our spot bill (AB 965), which was to carry our Model Law, is defunct because of a sudden and unprecedented action of the legislature. The legislature ruled that it will not consider any bill, after July 15th, that had not been brought before a committee, except under special circumstances. This action does not effect the ability to introduce whatever legislative proposal is ordered into interim study by a resolution of the Legislature. Our legislative advocate advises that this resolution can be introduced in the last part of October, if necessary.

Jack Snell moved that the resolution prepared by the Sacramento Chapter, concerning the CLSA legislative activities, be adopted. The motion was seconded by Thomas Gribbin. A roll call vote was asked for and the resolution was defeated. The tally on the vote was as follows: Ayes-6, Nays-12, abstaining 3.

Chuck Wooldridge moved that the resolution prepared by the legislative committee be adopted. The motion was seconded by Joseph Scherf. A roll call vote was asked for and the resolution passed. The tally on the vote was as follows: Ayes-15, Nays-5, abstaining 1. This resolution, designated 71-6.

**Resolution Number 71-6**

WHEREAS the California Land Surveyors Association has, since it's inception, been dedicated to the promotion and protection of the profession of Land Surveying, as set forth in the preamble to it's Constitution; and

WHEREAS the membership has expressed an opinion regarding the course of action they desire the Association to follow at this time; and

WHEREAS the Sacramento Chapter has submitted a resolution proposing a similar course of action; and

WHEREAS the Legislative Committee has submitted a resolution in response to the orders of this Board of Directors, which recommends similar action, with an alternate in keeping with the past and present activities of this Association; and

WHEREAS this Board of Directors has duly considered these matters, their implications and their applicability to the present situation and has determined the following to be in the best interests of the Association and the Land Surveying profession;

NOW THEREFORE BE IT RESOLVED that the Legislative Committee be, and it hereby is directed to continue liaison activity with all interested societies and to make every effort to arrive at a solution to the problem posed by the Civil Engineers exemption contained in Section 8731 of the Land Surveyors Act, which is acceptable to such societies and this Association, prior to October 4, 1971, and to report such solution to this Board; and

BE IT FURTHER RESOLVED that the Legislative Committee be, and it hereby is, directed to introduce the Legislative Proposal dated July 17, 1971 in the California State Legislature for interim study, if it becomes apparent to this Board of Directors that such solution hereinabove referred to will not be reached by October 4, 1971, utilizing the professional advice and guidance of our legislative advocate; and

BE IT FURTHER RESOLVED that the Legislative Committee be, and it hereby is, authorized and directed to retain our legislative consultant for the additional services required for such interim study and

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**BOARD OF DIRECTORS MEETING** Continued from Page 2

BE IT FURTHER RESOLVED that the Legislative Committee be, and it hereby is, authorized and directed to retain our legislative consultant for the additional services required for such interim study; and

BE IT FURTHER RESOLVED that the Secretary Treasurer be, and he hereby is, authorized and directed to divert all available funds of the Association to accomplish the aims and goals hereinabove set forth, which aims and goals are hereby declared to be the primary aims and goals of this Association at this time; and

BE IT FURTHER RESOLVED that the Secretary Treasurer and the Legislative Committee be, and they hereby are, requested and directed to cooperate and make every effort to keep such expenses to a minimum.

The matter of finances was discussed. The Secretary-Treasurer reported that, as of now, there is about \$1000 in dues outstanding. The 1971 budget was based on the receipt of these dues. Even with reductions in association activities, there would probably be a deficit of about \$500. Interim study would be an additional expense.

Chuck Wooldridge estimated that the cost of going to interim study would be between \$1000 and \$1700.

Paul W. Lamoreaux, Jr. moved that "THE SECRETARY-TREASURER, ON OR BEFORE OCTOBER 1, 1971, ASSESS EACH REGULAR MEMBER \$10, OF WHICH \$8 OF THIS ASSESSMENT WILL BE PLACED IN A SPECIAL FUND FOR LEGISLATIVE PURPOSES ONLY AND THAT THE REMAINING \$2 OF THIS ASSESSMENT WILL BE PLACED IN THE GENERAL FUND. The motion was seconded by Jack Snell and passed by a majority.

Mr. Donald M. Bissell, Civil Engineer and Secretary-Treasurer of the California Council of Civil Engineers and Land Surveyors was invited, by President Curtis, to attend our Board of Directors meeting to discuss possible liaison meetings between the two groups.

Mr. Bissell said that the problems between the CCCE&LS and the CLSA have been an area of concern of the council for a number of years. At the most recent board meeting of the council, on July 10th, in San Diego, it was a topic of extensive discussion. It is an area where we would like to work out a reasonable meeting of the mind and find a joint approach to what problems do exist. Because of this discussion in San Diego, a letter to Bob Curtis is to be sent by William Rick, President of the CCCE&LS, indicating that the CCCE&LS through its liaison committee, would like to expand the activities of that committee, together with a similar committee from the CLSA to attack some of these problems and see if we can come to some kind of a joint conclusion. One area of co-operation should be at the legislative level. This would bring us into position of being able to attack some of the serious problems that come from other directions and tend to erode our practice. It is possible, through joint effort, that other groups in the engineering-surveying field would be more prone to work with us and that this would produce more success in the legislative field. This is one of the reasons that groups like ours are formed.

Question: What is the councils position on their proposed Plan "A" (1969)?

Mr. Bissell: Plan "A" came out of discussion, about two years ago. Plan "A" was one of six or seven plans that were thought of as possible solution. Because at that time, as well as now, the council was concerned with the potential divisiveness between the two groups. Plan "A" is not being pushed in any way by the council.

Q: Why has Plan "A" not been pursued?

Mr. Bissell: Plan "A" has not been pursued because there was opposition to it and we did not want to go to the legislature without support for it. The purpose of Plan "A" was to work something out that would solve the problem.

Q: What amount of time do you think that it would take for a liaison committee to reach an agreement?

Mr. Bissell: In a year or less.

Q: It is our understanding, concerning interim study, that we would ask the Legislature to study the problem on an open forum basis. Testimony would be taken from all interested parties, including those parties that are now reluctant to talk about the problem. There would be an opportunity for cross examination and it is thought that this is a fair approach to the problem. The question is that we have heard that the council would discontinue any liaison meetings, if we went to the interim study. Is this a fact?

Mr. Bissell: No, I don't have that interpretation, at all. But, if a legislative position is taken, we may be forced to take sides and I don't think we would want to take that way of doing it. Lets try to work something out that is mutually acceptable. In regard to the reluctant parties that you mentioned. An acceptable agreement between us and the liaison representatives that the council has with these parties, should insure a serious consideration by these parties of the problems.

**Education Committee:** Gene Lafferty, Chairman of the Education Committee requested the Board of Directors to authorize the Education Committee to:

1. Prepare a recommendation to the Board of Registration for a two year and a four year surveying curriculum.
2. To study and develop a continuing education program, preferably one that is supported by a annual certificate from the CLSA, proving current competency in the state of the art.
3. Continuously watch over the labor education field.
4. Recommend to the Board of Registration that the LS examination be up graded to the equivalent of a baccalaureate.
5. Submit a program to attract more students into the surveying programs.

Ross Armstead moved that "THE EDUCATION COMMITTEE BE AUTHORIZED TO PROCEED WITH ITS REQUESTED PROGRAM." The motion was seconded by Dave Roberts and passed by a majority.

Paul W. Lamoreaux moved that "THE CLSA ACCEPT AS A GOAL, THE ADOPTION OF A SYLLABUS BY THE BOARD OF REGISTRATION FOR THE LS EXAMINATION." The motion was seconded by Tom Gribbin and passed by a majority.

Don Ward made a motion that "THE CLSA RECOMMENDS THAT THE BOARD OF REGISTRATION UPGRADE THE LS EXAMINATION TO THE EQUIVALENT OF A BACCALAUREATE, AFTER AUGUST, 1972, AND THAT A SYLLABUS OF THE REQUIRED SUBJECTS BE PUBLISHED BY THE BOARD OF REGISTRATION." The motion was seconded by Gene Lockton and passed by a majority.

**Membership Committee:** Larry Cloney, Chairman of the Membership Committee requests of the Board, that they submit to the Regular members, for constitutional approval, four new types of membership categories. They would be 1. Affiliate member, who would be a non-licensed interested person such as a lawyer, engineer, title man, etc. 2. Student member 3. Sponsor member, would include any individual or chapter that would pay the first years dues for a new member. 4. Fellowship member, would be any regular member who would donate \$100 or more. Larry stated that the voting rights would be restricted to Regular members. Larry Cloney moved that "THE FOUR TYPES OF MEMBERSHIP, 1. AFFILIATE 2. STUDENT 3. SPONSOR 4. FELLOWSHIP, BE SUBMITTED TO THE REGULAR MEMBERS FOR CONSTITUTIONAL APPROVAL." The motion was seconded by Jim Foulk and passed by a majority. It was directed that the Constitution and By-Laws Committee prepare the necessary paperwork.

**Constitution and By-Laws Committee:** Tom Gribbin, Chairman, reported that has prepared a constitutional amendment to create the position of Executive Secretary and/or Director, for submission to the membership. This position is created primarily to divide the duties of the Secretary-Treasurer. The approval of the board was asked for and given.

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**Liaison with Government Committee:** Jack Snell presented the "LAND SURVEYORS WEEK" proclamation, that Jim Dowden, Chairman of the Liaison with Government Committee had obtained from the state assembly. The week so designated is September 11 to September 17.

**CHAPTER REPORTS**

Paul W. Lamoreaux, speaking for the Santa Clara/San Mateo Chapter, reported the results of the questionnaire that the chapter sent out, last June. 1st preference - 37%, 2nd preference - 32%, 3rd preference - 31%. Out of 355 ballots sent, 116 ballots were received. Larry Cloney, President of the chapter, stated that the chapter spent \$106 on this questionnaire.

Larry Cloney moved that "THE 1973 CLSA CONVENTION BE HELD IN THE SAN JOSE AREA." The motion was seconded by Dave Roberts and passed unanimously.

**NEW BUSINESS**

It was moved by Tom Gribbin that "THE PRESIDENT BE AUTHORIZED TO CHOOSE THE COMMITTEE AND APPOINT THE CHAIRMAN FOR THE LIAISON COMMITTEE WITH CCCE&LS, SO THAT WE GET THE BEST REPRESENTATION OF THE ASSOCIATION." The motion was seconded by Jim Foulk and passed unanimously.

Homer Banks moved that "THE PRESIDENT BE APPOINTED AS OUR DELEGATE TO A MEETING TO EXAMINE THE FEASIBILITY OF FORMING A NATIONAL ASSOCIATION OF LAND SURVEYORS, IN GREENSBORO, N.C., ON AUGUST 19, 1971 AND THAT THE CLSA WILL PAY HIS AIRFARE, BOTH WAYS." The motion was seconded by C.A. Wooldridge and passed unanimously.

C.A. Wooldridge moved that "THE PRESIDENT BE APPOINTED AS OUR DELEGATE TO THE NATIONAL COUNCIL OF LAND SURVEYORS MEETING AT THE ACSM CONVENTION IN SAN FRANCISCO, IN SEPTEMBER, WITH THE RIGHT TO APPOINT SOMEONE IN HIS PLACE." The motion was seconded by Jim Foulk and passed unanimously.

Paul W. Lamoreaux moved that "THE DUES FOR REGULAR MEMBERS IN CLSA BE INCREASED IN 1972 TO \$50 PER YEAR." The motion was seconded by Tom Gribbin and a roll call was asked for. The motion passed. The tally of the vote was as follows: Ayes-18, Nays-3, abstaining-0.

Clyde Cabrinha moved that "EVERY MEMBER OF CLSA BE REQUIRED TO BELONG TO A CHAPTER." The motion was seconded by Mike Burroughs. It was pointed out that a change such as this would require a vote of the membership. It was moved by Chuck Wooldridge that "THIS MOTION BE REFERRED TO THE CONSTITUTION AND BY-LAWS COMMITTEE, AND TO REPORT BACK AT THE NEXT BOARD MEETING WITH THE APPROPRIATE CONSTITUTIONAL CHANGES FOR THE BALLOT." The motion was seconded and passed unanimously. The President suggested that the C&B-L Committee coordinate with Southern Counties Chapter.

Paul W. Lamoreaux moved to "ENCOURAGE THE BOARD OF REGISTRATION TO MAKE A COMPILATION OF STATUTES AND CASES RELATING TO LAND SURVEYING AND DISTRIBUTE THEM TO ALL REGISTRANTS AND APPLICANTS." The motion was passed unanimously.

**ADJOURNMENT**

The meeting adjourned at 4:45 P.M., after agreeing that the next meeting will be held at the Royal Inn of San Francisco Airport, Oct. 2, 1971, at 10:00 A.M. ▲

While serious problems do not now exist, the problems, such as they are, could be minimized by the Board exercising its statutory powers by:

- A. Requiring evidence of actual experience in boundary surveys of significant difficulty where the applicant, under the control of a licensed practitioner, exercises judgment of professional calibre;
- B. Including in the written examination sufficient questions which would demonstrate the applicants knowledge of boundary law and field survey practices. An oral examination should also be required pertaining to boundary law practices.
- C. Disseminating information pertaining to investigations through a reinstated newsletter.
- D. Publicising and enforcing an interpretation of "direct supervision" as used in the Land Surveyors Act.
- E. The Board calling for the creation of a profession-wide committee composed of representatives of the Board and all interested societies to thoroughly study both acts which reflect the piecemeal changes that have been made over the years and are overdue for review.

Implementation of A and B above might require all applicants, both civil engineers and land surveyors, to be subject to some of the same examination procedure. Legislation should be deferred until the above implemented for a period of years, at least.

**AD HOC ADVISORY COMMITTEE REPORT**

**Appendix**

The committee includes this appendix to the report for several of the following reasons. Many points went beyond the scope of our specific charge. Some are opinions unsupported by documentary evidence. Others may not have the unanimous support of all members which our report has. This appendix, therefore, does not necessarily carry the weight of our report, but is considered, in its entirety, to contain considerations worthy of the Board's attention.

- 1. The Board's investigation into surveying complaints have not given evidence of a problem and would, taken at face value, indicate the contrary; that surveying is a self policing profession with virtually full compliance and competence exhibited by nearly all practitioners. We feel that such is not the case, the complaints being merely the tip of the iceberg. Each member of this committee has been informed of allegedly incompetent surveys, some documented, which have not been reported for investigation. We have not, and should not, become involved in such charges, but accept such as evidence of a greater problem than investigations indicate. The charge limitation to "serious" problems, and those created only by registered civil engineers is too confining for proper and thorough review.

**AD HOC REPORT** Continued from Page 4

2. Professional liability insurance requires an extra premium to provide a rider for coverage of the extra hazard of boundary surveys.
3. Inasmuch as some colleges and universities have deleted surveying education, the Board has responded by de-emphasizing surveying examination. Union apprenticeship training of technicians has grown to the point of reflecting technician level trends in the land surveyors examination. A very recent reversal of these indications has been noted and must be encouraged and led by educational requirements in examination procedures.
4. A. & B. The quality of land surveying practice is a reflection of the knowledgeability of those authorized to practice. The standards must be raised to a level the public has a right to expect. This can be accomplished only if the Board will ascertain more detail of the applicants experience, at a greater level of responsibility than is today evident. A mere title of party chief may be included no real knowledge nor responsibility above a technician level.  
The examination should be upgraded to require adequate knowledge of all aspects for licensing. If a licensee has never written a property description or has no conception of strength of figure, we must question the process that found him qualified. We submit that the land surveyors examination should be more difficult and required of all applicants whether the applicant is a land surveyor or a civil engineer.  
Much could be done through oral examination to more completely explore the applicant's actual experience in professional level decision making. Examination questions might review such ability, but discussion can more readily ascertain such matters.
4. C. Investigation repeatedly involve certain matters, disclosing the 58 interpretations of our record of survey provision and the need for improved public relations by practitioners. Publicity through the newsletter informing all licensees of details, but not identities, of investigations could alleviate some of the investigative workload.
4. D. It is apparent, especially in public agencies, but also true at some levels of private practice, that there are frequently several levels of supervision between the responsible professional and the party chief or decision making computer. We believe the practitioner must daily review details with these latter subordinates if his registration number is to be inscribed on property corners to comply with Sections 8705 and 8726.
4. E. Only the Board has adequate standing in the profession to obtain participation in a profession-wide committee to review both acts thoroughly. Any lesser group can only result in further piecemeal review and/or revision but will undoubtedly continue in lieu of any thorough approach. The nature of any revisions is entirely beyond

the scope of the charge to this committee and must be the subject of adequate investigation in much greater depth. Charge to such committee must be broadly based with ample time to complete their task.

5. The entire examination procedures including the grading process appear to need review. The fact that present practice can permit persons unable to meet the statutory provisions of Section 8725 to receive authority to practice land surveying points strongly to such need. Seeking a solution goes far beyond the charge to this committee and the time available. Possibly the need for compulsory questions might contain the key. The curve grading policy should be discontinued.
6. Investigation procedures indicate only a surface examination of each case. If a charge involves boundary law, and the licensee has never practiced in this area, how can he be considered qualified. Utilities design, or photogrammetric mapping, or construction staking cannot provide qualifying experience in boundary law. Investigation should pursue this aspect as well as obtain compliance merely to the satisfaction of the complainant. ▲

**REPORT OF LEGISLATION** Continued from Page 1

A.B. 1375 is the Joint Cities and Counties recodification of the Subdivision Map Act. We have been effective in obtaining some modification and clarification of problem areas while it was in the Assembly, and will continue to attempt to improve it in the Senate.

Another major activity has been continuing study of possible problems and potential assistance in CLSA long range goals. A sub-committee redrafted the California Model Law into Bill form, which the committee approved and referred to the Board of Directors, along with a Resolution outlining our beliefs regarding the proper course of action in the coming months.

Liaison activity has been, and probably will continue to be a major activity. Committee members have met with representatives of all major professional societies willing to discuss the future of surveying. These are the same associations, and in many cases the same spokesmen, that we will meet in the legislative hearings whenever we present any proposal affecting the licensing laws. Every effort is being made to win friends, and hopefully support, for our ideals. ▲

**CHANGES IN THE REGULATIONS  
OF THE STATE BOARD OF REGISTRATION  
FOR PROFESSIONAL ENGINEERS**

438. Waiver of Fundamentals Examination.

(b) An applicant for registration as a professional engineer who is licensed in California as a land surveyor will not be required to take the first division of the written examination prescribed by Section 6755 of the code. ▲

# COMMENTS AND LETTERS, From In, Out and Around

## RESULTS OR PROGRESS

*Chuck Wooldridge, L.S.*

The California Land Surveyors Association has come a long way in its brief five years. We still have a long way to go. We have a great future if we continue to profit from our mistakes, reset our sights, and proceed towards our goal.

What is this goal? I have heard it expressed many ways. The words vary with the telling; the short or long range outlook; the background of the speaker. I submit that the preamble of our constitution expresses this goal admirably.

"Recognizing that the true merit of a profession is determined by the value of its services to society, the "California Land Surveyors Association" does hereby dedicate itself to the promotion and protection of the profession of Land Surveying as a social and economic influence vital to the welfare of society, community and state."

We do have considerable differences of opinion among our membership on how best to accomplish this goal. Some proclaim our Board of Registration has the power to resolve our problems. Others believe the universities can provide a solution. Professional societies codes of ethics are decreed to be the proper vehicle. Only legislative action can do the job is a popular statement. Seldom heard is recognition of the importance of "public relations."

Aren't every one of these considerations important? What good is any law, existing or new, without adequate enforcement? Does enforcement have any power when we don't complain about most violations? Are codes of ethics worth anything if substantial violations of law (let alone codes of ethics) are repeatedly committed? What educational improvements will raise our application and examination standards? Only by moving in all these directions simultaneously do we have even a chance of producing any improvement.

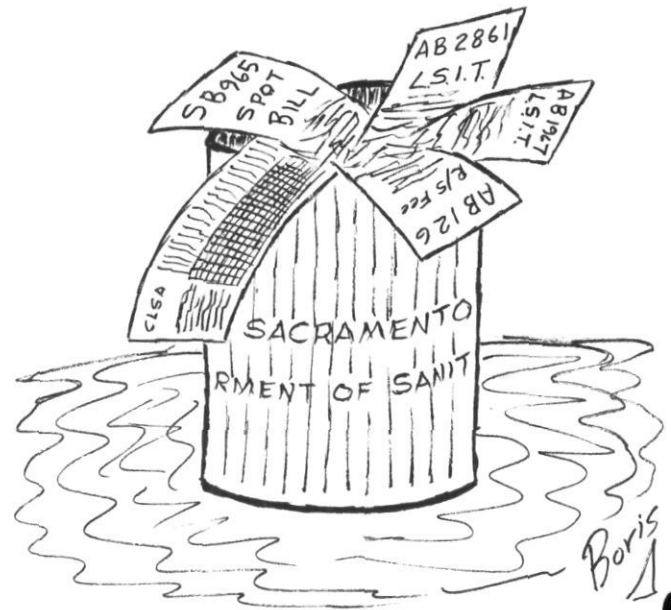
Many chapters and members demand "results"; not "progress". Many are "too busy" to participate in producing these "results." Let George do it. When asked to produce the financing to help accomplish the "results," they threaten to resign if the dues increase is approved. Not only do they want George to do it, they want him to finance it out of his own pocket.

I know that at least 5,000 man hours are volunteered each year to strive for these "results." Further, only a little of the major travel cost is covered by our association. Some potential good effort is lost due to the financial requirements of participation. No committee in the association has enough members with enough time to accomplish even half of its potential. What offices and committee memberships do you hold? Do you intend to let George do it? Does he have to pay for it too? ▲

### CLASSIFIED ANNOUNCEMENTS

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

Y T I M U



*Through the looking-glass*

### NATION'S MAPPERS AND SURVEYORS TO MEET SEPTEMBER 7-11 IN SAN FRANCISCO

California Legislature has proclaimed the week September 5-11 to be LAND SURVEYORS' WEEK. This coincides with the national convention of the American Society of Photogrammetry together with the American Congress on Surveying and Mapping which is bringing more than 2,000 delegates to San Francisco.

There will be 124 technical papers presented by experts in widely ranging specialties from Biometrics to Urban Information and from the Pig War to Satellite Photography.

There will be light touches too with Paul Speegle, popular raconteur, speaking on Love Letters to a Critic at the early birds breakfast.

Joseph Alioto, San Francisco's colorful mayor, will extend welcoming comments at the formal opening. Convention Chairman James Chamberlain will introduce Presidents Burns and Voison of the two national societies. There is to be a major address on Thursday by Assistant Secretary of the Interior, Hollis M. Doyle.

The following week will find many delegates in Hawaii where there will be six additional technical sessions and an EROS workshop to define what environmental data is needed in our time. ▲

**FILES FOR ENGINEERING  
AND ALLIED SERVICES SEAT**

*James N. Dowden, L.S.*

The California State Employees Association has announced that elections will be held beginning August 27 thru September 17, 1971, to elect a seven member council to represent C.S.E.A. members in the professional engineering and allied services field.

Representation on the council will be divided along job lines.

Professional engineers, land surveyors and licensed allied engineers and architects will elect 3 members to the seven member group.

For the first election, the seven successful candidates will draw straws to determine who will serve one, two and three year terms respectively.

In future elections, all members will serve three year terms.

The council concept was developed by C.S.E.A. leaders to provide occupational groups more specialized representation.

Group representation on the seven member council will be distributed among three identified occupational groups; (1) "General Drafting and related classes" consisting of engineering aids, Instrumentmen, Delineators and Boundry Determination Officers will elect one representative; (2) "Technicians" consisting of Engineering Specialists, Civil-Highway-Water Resources Engineering Associates and Civil-Highway-Water Resources Technicians will elect three representatives and (3) Professional classes consisting of Licensed Professional Engineers, Land Surveyors, and Architects will elect three representatives.

Dowden, A Charter Member of C.L.S.A. was instrumental in the formation of the association and served three years as a Director-at-Large.

During 1967 and 1968 Dowden was Editor of the California Surveyor and for the past four years has been Chairman of the Special Committee on liaison with Government.

Dowden is currently the Supervising Land Surveyor for the State Lands Division, State Lands Commission and during his 22 year career in State Service has had assignments with the Departments of Water Resources, Parks and Recreation, The Reclamation Board and the California Colorado River Boundry Commission.

Dowden, in announcing his candidacy stated that the role of professional persons engaged in the surveying and mapping field must be asserted to Public Agency Management, and that the continued identity of land surveying as a professionally oriented and identified discipline is essential to the public welfare. ▲

**DEAD LINE DATES FOR  
THE CALIFORNIA SURVEYOR**

Winter Edition . . . . . November 13, 1971  
Spring Edition . . . . . February 12, 1972

Editor:

I just finished reading the summer edition of The California Surveyor and Mr. Don Ward's dissertation on the nature of zoning. May I comment?

Imagine, if you can, a man building a house who would allow each of the contractors and sub-contractors on the project to build as much of the house as they wanted, wherever they wanted it, without following the blueprint. Imagine the kind of a house that you would get. The plumber would put in as much plumbing as he could because, obviously, he is maximizing his profit by doing as much as he can. The sub-contractor for carpeting would probably cover the walls and ceiling and maybe the windows, without any directives. There would probably be too much house and too much of almost every item in the house when it was finished, if it ever was finished.

Mr. Ward calls for the same kind of philosophy to be applied to the use of our environment where everybody, in a wild Oklahoma Sooner scramble, grabs off as much profit as he can in any way he can. The last time that was done well was in London, just before the fire. In that case, the buildings reached out across the streets and touched each other. The streets zigged and zagged because the people kept building out to the centerline of the streets, or perhaps beyond. The sewage lay in the streets and water had to be brought in from a distance.

Mr. Ward, in his last paragraph, seems to indicate what zoning regulations should be made with regard to the time-honored system of free enterprise and a free market exchange system of private property. I submit to you that if they are made with only that criteria, there would, in fact, be no zoning ordinances. Perhaps that is what Mr. Ward wants.

It is surprising to read such a dissertation at this time, when most of the population in this country seems to be seeking more order from the chaotic conditions we have degenerated to, and more beauty in our environment. To turn this development loose to a free-for-all as Mr. Ward subscribes to, would result in catastrophe.

If Mr. Ward, and any other critics of the zoning mechanisms now available to the people to use to achieve their common goals, can recommend a workable substitute, I would be one of the first to want to try it. In the meantime, I suggest that Mr. Ward read back through the minutes of planning commission meetings and discover the terribly arduous work that has been done to assure that private persons have been involved in the preparation and approval of any zoning ordinances in any community. Such ordinances are not generated in a vacuum, and may not be, by State law. In the new Senate Bill 1301, there are some changes which will make it necessary for communities to adjust their zoning to match their general plan. If the general plan was accomplished carefully, in response to the inputs of hundreds of private individuals in the community, then the overall effect should be to the benefit of most of the people.

I disagree with Mr. Ward's call for chaos.

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