

Institutional Affiliate of American
Congress on Surveying and
Mapping

The California Surveyor

THE VOICE OF THE LAND SURVEYORS OF CALIFORNIA

No. 13

SPRING EDITION

1970

PRESIDENT'S MESSAGE

Robert W. Curtis

The story of C.L.S.A. is a great one, and is certainly in keeping with the history of high standards within our profession. I believe we must now look to the future and not dwell on the past. C.L.S.A. has become the voice of the Land Surveying Profession in California and we must consider this responsibility with great care.

Where do we go from here? What must we do not? The answer to both of these questions lies with each of you and what you are willing to give. I cannot and will not attempt to tell you what we, as an association, should be doing. That is what we have established committees staffed with good men for. I can tell you what I believe we must have to make our association work. We must have *Personal Participation* of every member.

The make-up of the association was not by chance. Local Chapters were formed in order to fill a very important need. The chapter gives each Land Surveyor a place wherein he and his fellow surveyors can exchange ideas and further enrich their knowledge of their own profession and related professions. Even more important, he can make his voice heard at the Board of Directors level through the Chapter Representative.

What should a chapter do? What makes a good chapter? The answer to both is **ACTIVITY!** There are so many things that can and need to be done at the local level, that I doubt that I have time or paper to cover them all. I will mention a few ideas that have been successful. Seminars for present and future Land Surveyors, special meetings of interest to others so you can invite members from your local A.S.C.E., city and county agencies (through friendship comes understanding and to extend an open hand in friendship is a sign of strength, not weakness). Work out local mapping and surveying problems together. Work on local zoning and subdivision ordinances, offer your professional services to the local governing bodies in a spirit of cooperation, participate in career guidance programs for high school and college students. If such a program does not exist, start one and encourage Associate Membership from



President Elect Robert W. Curtis receiving the official gavel from the outgoing President Herbert J. Schumacher at the C.L.S.A. Convention.

among the students. The chapter should be limited only by the imagination and willingness of its members.

What about the individual? What is his role in representing

Continued on Page 4

FOURTH ANNUAL C.L.S.A. CONVENTION

The Holiday Inn in Santa Cruz was the scene of the Fourth Annual Meeting of C.L.S.A. February 26th through February 28th. Those who failed to attend missed a very good meeting.

The Legislative Committee started the ball rolling by convening Thursday morning at 10 A.M. The agenda was a long one so the members had to sacrifice some of their party time by reconvening on Thursday night from 9 to 11 P.M. Joe Scherf has done an outstanding job the past two years in his capacity as chairman of this important committee. Dick Stephan will carry the ball this next year.

The Board of Directors meeting was called to order at 2 P.M. by Vice President Bob Curtis. The agenda for this meeting was a full one.

The Monterey Bay Chapter put on a cocktail party, Thursday afternoon after the Board meeting which lasted until late in the evening. This was well attended and everyone enjoyed the affair.

Friday Morning

The regular session started at 9:00 A.M. Friday morning with a message from Mayor Richard J. Werner of Santa Cruz. This was an unusual message and was well received by the members in attendance. The address wasn't the usual propaganda about "our fair city" but a message about today's conditions and problems.

Herb Schumacher our outgoing President gave a report on the years activities. Thanks for a job well done Surveyor Herb.

George Colsons report was interesting and George deserves the plaudits of the Association for 2 years hard labor.

Gene Foster gave the Editors Report for the California Surveyor. This Publication has become an interesting and important news media under Gene's direction.

Our membership is still growing. We are making progress in getting new members to give our Association strength in numbers as well as being recognized as the voice of the Land Surveyors. Bob Curtis directed this committee during 1969 and as he always does did a bang up job.

Gene Lockton told of the activities of the Public Relations Committee. Here again we are fortunate to have a man of Gene's caliber to direct the functions of this very important committee.

The I.P.R. Committee

The Interprofessional Relations Committee is very active under chairman Don Ward. Meetings are being held with organizations opposed to our legislative endeavors. This committee is also very valuable to our aims and deserves the encouragement of our membership for the time and efforts the members of this committee are unselfishly providing.

Joe Scherf's Legislative Committee report told of the efforts this Committee had done in the past year. Although we were not successful in our endeavor to let only qualified Land Surveyors do Land Surveying, this committees labors are far from wasted as the seeds have been sown to educate the public in a matter very important to their safety and welfare.

The Ladies Luncheon was well attended and Captain Sidney Brooks, U.S.N. retired, had a very interesting and humorous message for those in attendance.

Bill White, Executive Director of C.C.C.E.L.S. told of the problems of the Land Surveyor in private practice.

The student and the Land Surveyor was the topic of a very interesting panel discussion conducted by Joel Radio, Surveying instructor of Monterey Peninsula College and two of his students. This discussion was very interesting and participation by our members in questions to the panel was extensive.

Walt Hanna, gave a talk on old corners and their recovery. Walt had given this talk several years ago but as styles don't change in regards to monuments the message was extremely important to our membership.

Liability and the Land Surveyor, a message from Robert O. Wilhelm, an attorney and a professional engineer. This presentation should be given to us at least once a month. We were reminded that as professionals we should charge for our services. When we were reminded of all our liabilities, it causes one to stop and think. This was the most important topic on the program and should be thought about constantly.

Concap, one of our exhibitors put on a cocktail party enjoyed by all who attended the Dinner Dance. The Dinner Dance was enjoyed by more members than at any of our previous meetings. The music and food were splendid.

Rain Rain Rain

Saturday started with the usual rain we always have at our annual meetings but did not hamper the ladies tour to Carmel. The Ladies really enjoyed the trip. Luncheon was at the famous Pine Inn in Carmel. Among those in attendance was the small granddaughter of Don Ward. She too enjoyed herself from all reports. Teresa Darling was Hostess for the excursion and was assisted by Edythe Armstead.

The morning session commenced with a Panel Discussion on Tentative Subdivision Maps. The Moderator was Edward DeMars Planning Director of Monterey County. The members of the panel were: Donald Goodhue, AIA-Architect; Theodore Osmndson, FASLA-Landscape Architect; Michael L. Splitstone, P.E. Engineer; Eugene Lockton, L.S., Land Surveyor.

Each reminded us of the importance of their profession in planning Subdivisions.

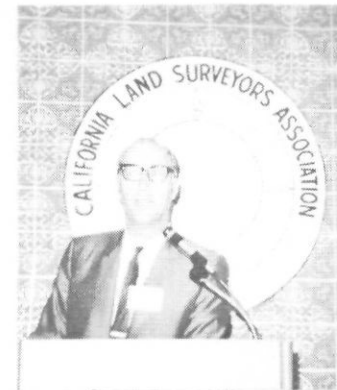
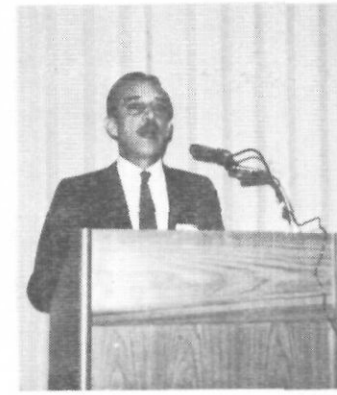
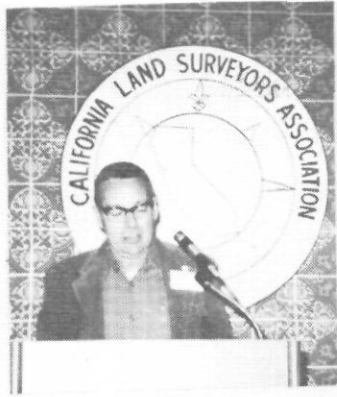
The Officers for 1970 were installed: Robert W. Curtis, President; George P. Colson, Vice President; James E. Adams, Secretary-Treasurer.

Board of Directors: Edward A. Boris Jr., Eugene L. Foster, William O. Gentry, C.A. Wooldridge Jr., Ross Armstead.

These men will do their utmost to have a successful year. But their success depends on the cooperation and assistance of you and the rest of the membership.

Following an enjoyable luncheon we were introduced to our new Legislative Advocate, Andrew W. Oppman, Jr. "Andy" we know is going to guide us through some rough times. We are fortunate to have secured the services of a man of his caliber.

Continued on Page 4



Fourth Annual California Land Surveyors Association Convention

Row one: Eugene Lockton, Joseph J. Scherf, Donald E. Ward, Eugene L. Foster. Row two: W. James Jurkovich, Andrew W. Oppman, Jr., George P. Colson, Walter J. Hanna, Jr. Row three: John P. Winzler, Captain Sidney Brooks, C.A. Wooldridge, Jr., William A. White. Row four: Theodore Osmundson, Robert O. Wilhelm, Donald Goodhue, Edward De Mars

CONVENTION Continued from page 2

John R. Winzler, PE a member of the Board of Registration gave an interesting talk on the Land Surveyor and the Board of Registration.

The highlight of the Convention was the old fashioned debate. The Surveyor Engineer controversy was the topic and no punches were pulled.

Senator Donald L. Grunsky, R. of Watsonville, California was the Moderator of this no decision battle.

The engineers were well represented by Jack Y. Long, P.E. of J.Y. Long Co. Oakland and W. James Jurkovich, PE California Division of Highways and Member of the Board of Registration.

The Surveyors side was well given by Ray J. Peters, L.S., of Peters & Verdugo of LaFayette and also a member of the Board of Registration, and Eugene L. Foster, L.S., of the California State Lands Commission.

We all enjoyed the skirmish but they haven't convinced us we are wrong yet.

The People

The Monterey Bay Chapter Committee Members were: Ross Armstead, General Chairman; Charles A. Wooldridge, Program and Exhibits; George N. Darling, Local Arrangements; Robert O. Baldwin, Cocktail Party; Stanley O. Nielson, Ladies Activities; James M. Prendergast, Registration.

These men all worked hard to make the meeting a success.

Jim Prendergast didn't get to see or hear much of the convention as he spent all of his time at the registration desk. Chuck Wooldridge put in a great deal of time making arrangements for the program and exhibits. George Darling took care of the finances and the convention was a success financially. Bob Baldwin's party was a success and Stan Nielson took care of the ladies very nicely.

The Exhibitors Were: Concap Computing Systems, Keuffel & Esser Co., Surveyors Service Co., Technical Advisors Inc., A.G.A. Corp. Geodimeter Division, Brunson Instrument Co., Hewlett Packard Co., Lietz Division of Paxton National Inc., Smith Corona Marchant, Cubic Corporation Electronic Surveying Division, Los Angeles Scientific Instrument Co. Inc.

The Monterey Bay Chapter enjoyed being your host. We might be biased but we think the meeting (to be called convention after this year) was a success.

See you in Sacramento for the Fifth Annual Convention May 20-22 1971. Plan Ahead.

Ross Armstead

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* R. L. S.—Chairman, Texas Section—ACSM

PRESIDENT'S MESSAGE Continued from page 1

our profession? On this point alone, you have volumes in your A.C.S.M. library. I suggest the following. When a request comes from your association in any form, react in the affirmative, serve on committees when asked, fill and return all requests for information including questionnaires quickly. If you have strong feelings regarding association affairs, contact the proper committee chairman or myself, we *will* be responsive.

You have still other responsibilities besides your profession. The Land Surveyor must walk among his fellowmen and share his leadership abilities. Civic Organizations, youth groups, charities, church, local school boards and many, many more, all need men of vision, men who know the magic of success and are willing to share what they have. Such men distinguish themselves and their profession.

REPORT ON 1970 ACSM CONVENTION

George P. Colson

The writer reported in at the opening ceremonies as the delegate in place of the President. The opening ceremonies were routine with the individual introduction of delegates from foreign countries followed by the opening and keynote speakers.

I also reported as the C.L.S.A. delegate to the National Council for Land Surveyors, a committee functioning under the Land Surveyors Division (LSD) of the ACSM. This business meeting was held at three different times and dates, although it was a continuous meeting.

The official position of the ACSM on our problem of the Engineer in Land Surveying was neither discussed nor disclosed at any of these meetings. No official or unofficial comment was heard regarding this matter during the convention.

The question of a National Association of Land Surveyors was mentioned in passing at the National Council of Land Surveyors by the outgoing chairman. His views were simply that any such association could and should be organized under the NCLS.

In private discussion with Fred T. Wilburn, Jr., President of the Virginia Association of Surveyors, the subject of a national organization was brought up. As explained by him, their society had considered the need for such a group. On this basis they had sent out questionnaires, one of which was received and answered by the CLSA. However, the results were so lukewarm that they decided to shelve any additional action for at least one year. They are, however, ready to receive any comments regarding this matter from other associations around the country.

The convention, actually a joint convention of the ASP and ACSM, was a huge, well planned effort. The last registration count I noted was over 1100, and the registration booths were open after this count.

The talks were interesting and well prepared, and all members of the CLSA who are members of the ACSM will receive a bound copy of the proceedings.

**A Thank You
to the Exhibitors at the 4th C.L.S.A. Convention**

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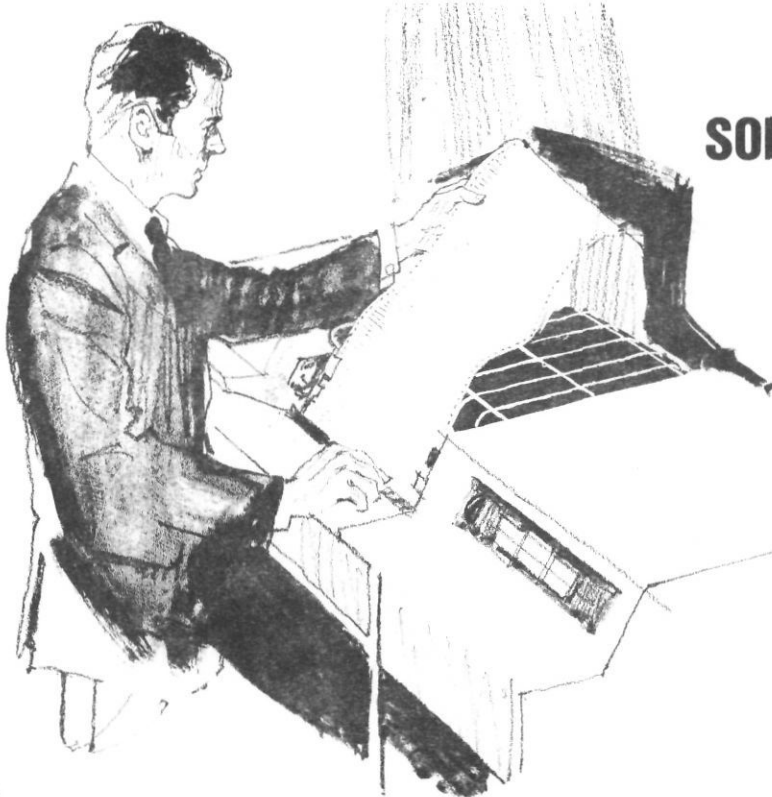
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could not reveal what this statement would contain, but indicated that it would be favorable to the LS profession. Bob discovered that California problems are not unique, but common to the nation.

New Business:

Chuck Wooldridge brought up the matter of the Boards policy of having the "California Surveyor" reviewed by the Fiscal and Administrative Committee. After a lengthy discussion, it was determined that Res. 69-9 should have been adhered to, and in the future will be. Equal responsibility was placed on the Editor and the F & A Committee to see that this is carried out in the future. It was further determined that the F & A Committee has seven (7) days for action, or approval is automatic.

After amendments and ratifications, it was moved by Ross Armstead that any *special editions* of the California Surveyor shall not be published without written approval of the F & A Committee prior to issuance. Approved.

It was agreed that the Surveyor will carry the following or similar statement "The CLSA assumes no responsibility for statements made or opinions offered in this publication." Approved. It was further moved and approved that every article will state its origin. It was also moved and approved that the current mailing list for the "Surveyor" be maintained.

The Board approved the motion that the "Special Edition" be mailed *only* to those members of the Association who had not yet received it and that the balance be destroyed.

Bill Gentry advised that the State Board of Registration has asked the PT&T to change the listing in the Yellow Pages to be changed from "Surveyors Land" to "Surveying Land." The Board wishes to have expressed to the Board of Registration that we do not approve such a change and wishes it to be left as is.

The next meeting of the Board of Directors will be held in Bakersfield at the Hill House, April 18th, 1970 at 10A.M. Meeting adjourned at 4:30 PM.

Respectfully submitted,

George P. Colson, Outgoing Secretary Treasurer

RESOLUTION NUMBER 70-4

February 26, 1970

WHEREAS: The California Land Surveyors Association believes that the first day of the Land Surveyors examination is the equivalent of the Surveyor in Training examination given by some of the other States.

WHEREAS: The Association believes that it would advance the profession if those passing the first half of the Land Surveyors examination were issued a Surveyors in Training certificate.

RESOLVED: That the Board of Directors instruct the Legislative Committee to prepare and have introduced at the most appropriate time amendments to the Land Surveyors Act to provide for the issuance of a Surveyors in Training certificate to those passing the first half of the Land Surveyors examination.

LEGISLATIVE COMMITTEE

Richard J. Stephan

The following courses of action were decided upon regarding current legislation:

SB 19 — Aerial photo to be filed in connection with subdivision. Ross Armstead will prepare a letter of opposition based on suggesting larger scale photo and recommend that it be required at the tentative map stage rather than the final map.

AB 294 — Require geologic investigation for subdivisions. Follow.

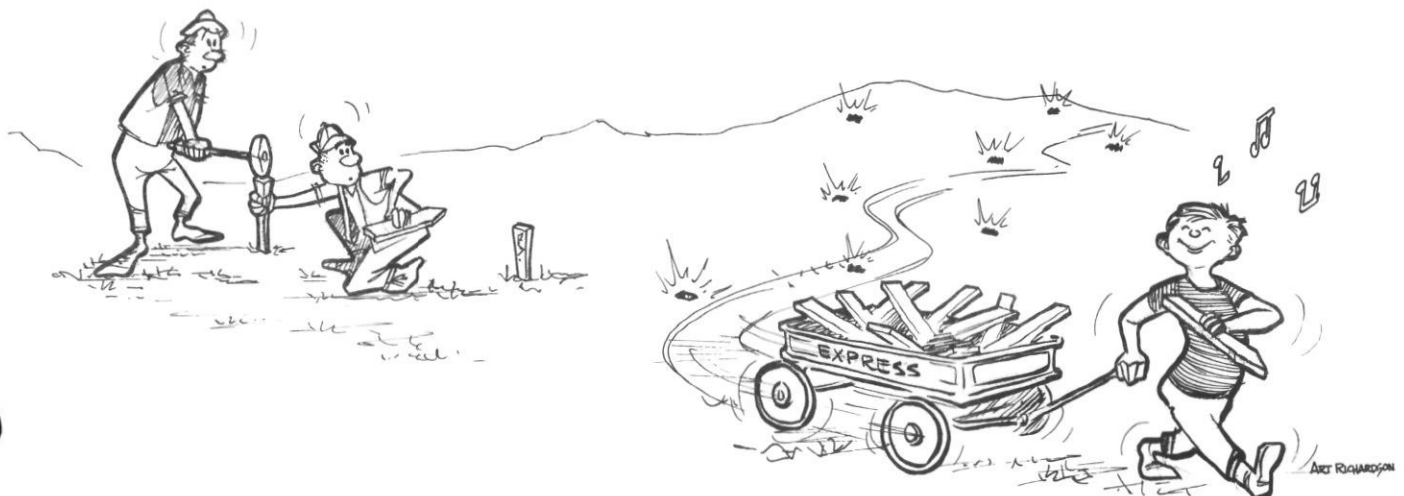
SB 316 — Permits fee on subdivisions for bridges. Follow.

SB 330 — Senator Song's reorganization of Department of Professional and Vocational Standards. Follow.

SB 392 — Engineering and surveying services by government agencies. Follow, Mr. Oppmann to investigate further.

AB 698 — Limits improvement requirements on lot splits. In favor.

SB 395 — Economic feasibility of subdivisions. Active opposition.



BALLOT FOR ELECTION OF 1970 OFFICERS & DIRECTORS

PRESIDENT

- 40 F. T. "Tom" Caporael
- 145 Robert W. Curtis Elected

VICE PRESIDENT

- 31 Adolph J. Barsugli
- 154 George P. Colson Elected

SECRETARY-TREASURER

- 99 James E. Adams Elected
- 75 Fred W. Henstridge

DIRECTORS (5)

- 131 G. Ross Armstead
- 53 Edward A. Boris, Jr. Elected
- 51 Mike Burroughs
- 23 Vic Case
- 27 Larry Cloney
- 105 Eugene L. Foster Elected
- 133 William O. Gentry Elected
- 34 Charles N. Hathaway
- 52 Maurice E. Lafferty
- 38 Paul W. Lamoreaux, Jr.
- 109 Ray Peters (withdrew)
- 142 C. A. Wooldridge, Jr. Elected

CONSTITUTIONAL AMENDMENTS

- 1A. Life Member YES (X) 110 NO 20
- 1B. Honorary Member YES (X) 115 NO 11
- 1C. Sustaining Member YES (X) 119 NO 10

**ARTICLE IV
MEMBERSHIP**

(AMENDED FEBRUARY 1970)

(d) **LIFE MEMBER:** A regular member who is at least 65 years of age and has had at least 10 years cumulative membership in the Association. Also, any member who has served honorably as President of the association upon completion of his term of office. Life membership shall be vested automatically when any such member is so qualified. Annual dues of such members are suspended beginning with the fiscal year first following such member's qualification. Life members continue to hold the same rights and prerogatives to which they were entitled before attaining life membership.

Dues: None.

(e) **HONORARY MEMBER:** Any person whose professional attainments in surveying or in subjects closely associated with surveying, have given him a broadly acknowledge eminence, and any person who has rendered special service to the Association, its aims and objectives. Honorary members shall be elected by a majority vote of the Board of Directors and said member is elected for life or until revoked by the Board for just and sufficient cause. Honorary members shall not be eligible to vote or to hold any office in the Association or in a local chapter thereof. Not more than two honorary members shall be elected in one year.

Dues: None.

(f) **SUSTAINING MEMBER:** Any individual, company or corporation who by their interest in the Land Surveying profession is desirous of supporting the purposes and objectives of this Association. Acceptance of a sustaining member is in no way an official Association endorsement of the products or services offered by a sustaining member. Sustaining members shall have preference to exhibit space at the annual meeting and shall, upon request, have the firm or company name listed in each issue of the "California Surveyor" under the heading "Sustaining Members" for the year of current membership.

Dues: Not less than \$100 per year with entrance fee required.

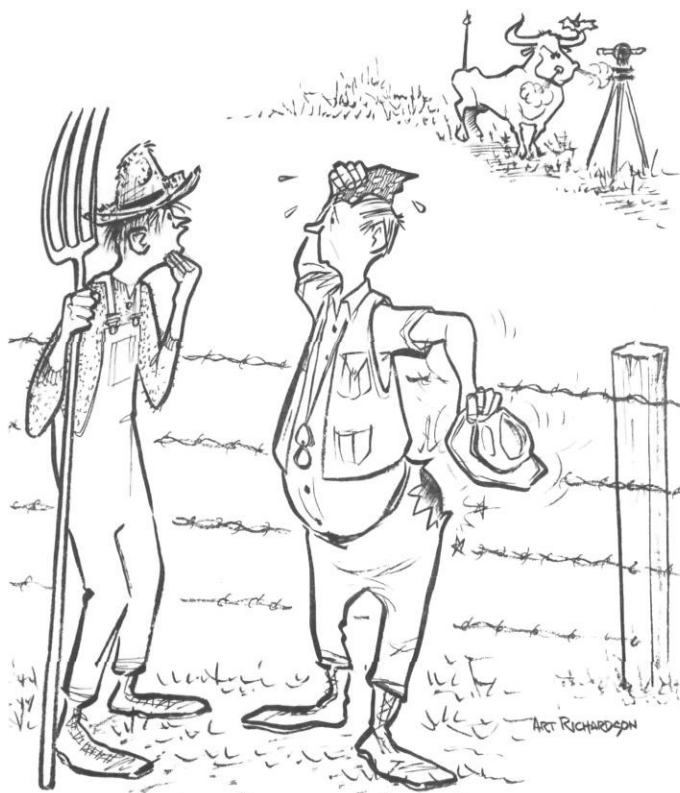
CONTROVERSIAL TERMS IN CALIFORNIA LAND SURVEYING PRACTICE

John W. Snell

A number of the terms controlling California Land Surveying Practice are the subject of controversy and conflicting definitions. A professional seminar will be dedicated to the preliminary, basic work needed for the eventual solution of such conflicts.

The purpose of this seminar is to determine and list those

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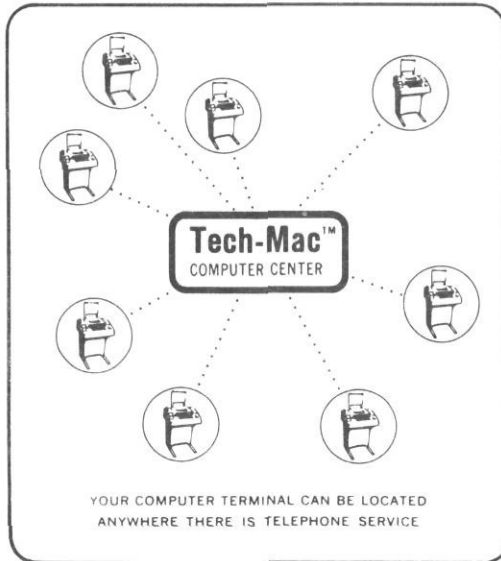
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COMMENTS AND LETTERS, From In, Out and Around

THE SURVEYING C.E.'s

Eugene L. Foster

On February 27th, 1970 rain was falling in Santa Cruz, during the Fourth Annual Convention of the California Land Surveyors Association, as it had during the three previous annual conventions in Fresno, San Francisco and Anaheim. Some say it is bound to rain on the sign of the Racing Camel, the Caravan Inn of Sacramento, during the big Fifth Annual Convention.

The Santa Cruz Convention was a memorable experience. Chuck Wooldridge, Ross Armstead and all the convention staff of the Monterey Bay Area Chapter are to be commended on their production of the best convention yet. Holiday Inns of America are also to be commended for providing just the right facilities, just the right amount of teamwork and excellent service to insure a smooth running program.

As for the content of the program, one somehow got the feeling of being shown the reverse side of the coin. This is good. Often, having the opportunity of viewing the reverse side makes the obverse side look pretty good.

I was dismayed at the lack of Sacramentans at the convention. To my knowledge, there were only five people from the Camelia City. The only way in which the Sacramento Chapter can redeem itself is to present the Association with a bigger and better show in 1971. That is, of course, what we will do.

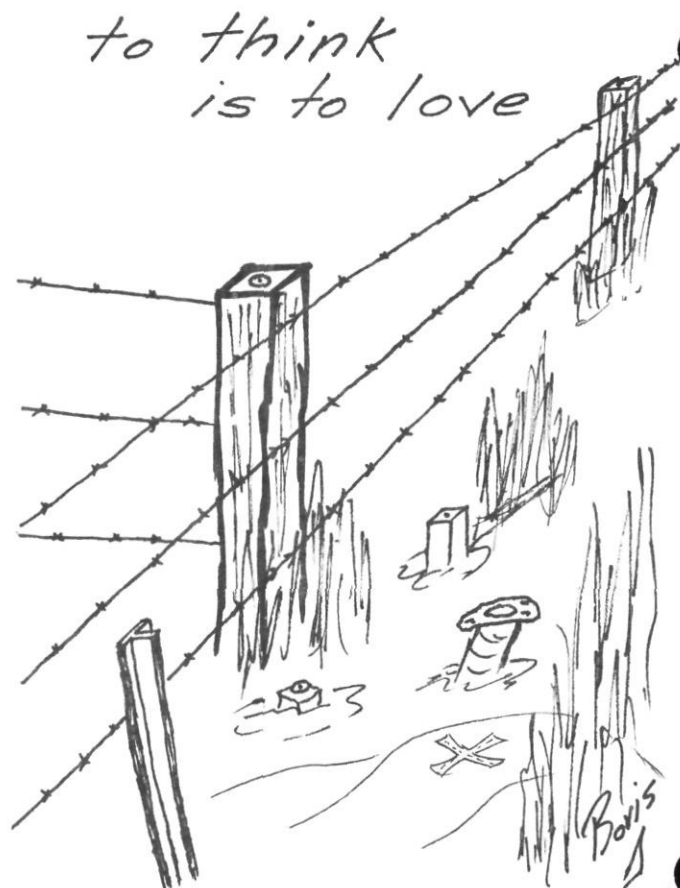
During the progress of speeches, committee reports and panel discussions it became evident that the land surveyors and the civil engineers find themselves trapped in some sort of a dilemma. Cross-licensing has often been suggested as one solution.

Many of us came away from the Santa Cruz Convention with the feeling that the best ground upon which the two professions can stand lies in the promotion of land (property boundary) surveying education in the schools.

Agreement as to the *need* for this type of education was pointed to in the discussions of the "great debate." The existence of the *demand* for this type of formal education was illustrated in the presentation of Joel Readio and his two students. This demand was further pointed out in my report on the highly successful "Boundary Control and Legal Principles" class introduced in Sacramento City College and sponsored by the Sacramento Chapter.

The *value* of land surveying education was expressed in the statements made by Walter J. Hanna, Jr. of Gilroy. Mr. Hanna is an extremely capable land surveyor in the area of retracement and identification of the original Public Land Surveys. So, let us, without making the mistake of claiming that valuable knowledge as our own, concentrate upon promoting the use of it in our excellent education institutions.

In that way we can demonstrate, to the civil engineering profession, a way in which they can use proper education to make their candidates for registration more worthy of the exemption from licensing, if it does, in fact, remain in the



Land Surveyors Act.

Let me warn the members of our profession of the syllogistic reasoning with which our profession has been bombarded during recent years. A syllogism (A trick in logic) can be refuted by another syllogism. More about that in the next issue. I would only wish to leave you with the thought expressed as a syllogistic retort to a syllogistic implication. That is, one part of the retort, and it follows:

"The hypocrisy of land surveyors who will, should cross-licensing become a reality, interrupt their design of vast transportation systems with tirades against civil engineers who are making property boundary surveys and final subdivision surveys and maps, does not appeal to me to any great degree."

On the other hand, when we resume the pursuit of our primary goal, elimination of the civil engineer exemption in the Land Surveyor Act, not as has often been said, removal of the unqualified from practice, let us consider the following idea. Within definable limits, CLSA has dedicated itself to be the professional society which is to represent the entire profession of land surveying. Within that profession there are perhaps twice as many civil engineers practicing under the exemption as there are licensed land surveyors. Most of these are competent land surveyors and, as such, are bonafide members of the land surveying profession. A registered civil engineer who has never been educated in land surveying, examined in land surveying, who has never practiced and does

not intend to practice cannot be considered, by any stretch of the imagination, to be part of the land surveying profession.

So now, it is my contention that we should enlist the aid of the entire membership in finding out who these civil engineer land surveyors are and then we should contact them with queries which are meaningful with a view to evaluating *their* responses. We might be surprised at the amount of support we might gain from them.

Dear Mr. Jurkovich:

Having had the opportunity to listen to your presentation at the California Land Surveyors Association meeting at Santa Cruz, I would like to explain why I feel that some of the ideas you presented are misconceived.

The example you cited as indicating poor surveying causes me to believe that you may not be aware of exactly what land surveying is. Your example indicates to me very good land surveying. Both surveyors in the case must have based their opinions on very solid evidence to have the decision of one court upset by another. The land surveyor has no judicial authority when resurveying for clients. If a court trial ensues, the court will declare whether the survey results are final or not. In no instance can the land surveyor force his opinion on others. Although he must perpetuate these opinions with monuments on the ground and maps in the records, it is rare that he has the opportunity to have his opinions tested in court.

You referred to the lack of evidence of incompetence on the part of the civil engineer. We should be talking about qualification rather than competence. An examination *will* test minimum qualification. A man can be well qualified and still practice incompetently due to the way in which he applies his knowledge. It is, however, impossible to practice competently without being qualified. We recognize that competence cannot be tested by examination, either by the civil engineer examination or by the land surveyor examination.

You expressed the fear that requiring civil engineers to be examined in land surveying would cause pressure to be applied to make the examination easier rather than efforts to broaden the educational background. This is alarming. I would hope that the civil engineers would be somewhat more professionally responsible.

Education must prepare a man to practice a profession, not prepare him to pass an examination. The civil engineers have done an admirable job of keeping their educational programs abreast of the technical advancements of our age. However, the cultural background of the student must also be developed to enable him to fully appreciate and discharge his responsibility to society. Engineers are often criticized by the outside world from this standpoint and we all must consider this problem when we speak of educational programs.

In view of the above, and the fact that the civil engineering curriculum is already spilling out of a four year program, it is preposterous to think of adding adequate surveying subject matter to the civil engineering program.

While civil engineering education has been keeping pace with the technological advancements, it has been doing so at the expense of land surveying. This would seem to indicate that civil engineers feel that land surveying has not advanced technologically but rather has regressed. Your examples of comments on the last land surveyor examination show that you are aware that this is not the case. We want the opportunity to keep land surveying education abreast of our profession.

We have been assured by Professor Francis H. Moffitt that as long as land surveying can be legally practiced without land surveying education, no school can be persuaded to implement such a program. There simply is no demand. Our desires are not to educate civil engineers in land surveying, but rather to create the demand for more formal education in land surveying for land surveyors.

If civil engineers had a real profession concern for land surveying, which they insist is within their purview, why have they failed in their attempts to apply pressure on the educational institutions to retain even the basics of land surveying within their curriculum? They did fail however, and found it necessary to pass legislation in 1959 to eliminate the need. It is strange that we should be so severely criticized for going to the legislature in an attempt to solve our problem ten years later.

The Board of Registration has indicated that they are studying the future direction that should be taken for the

Continued on page 7

A
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FOR
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C.L.S.A. CONVENTION

Dear Mr. Jurkovich Continued from page 11

registration of engineers in California. They have outlined three alternatives: 1. Maintain the status quo. 2. Register additional branches. 3. Register applicants as Professional Engineers without branch Identification. The present policy is becoming increasingly more difficult to administer due to the overlap of the various engineering disciplines and legislative pressure to require registration in branches other than civil. The American Society of Civil Engineers is opposed to the registration of additional branches. Alternative 3 seems to be drawing the most favor. It would rely heavily on the professional integrity of the individual engineers. The philosophy of registering Professional Engineers only, is encouraged by the National Council of Engineering Examiners by their preparation and endorsement of the Model Law for the Registration of Engineers and Land Surveyors. Other states who have recently modified their registration laws have followed this Model Law and more will no doubt follow in the future. This will improve reciprocity between states. The Model Law, of course, is composed of: Chapter I-Registration of Engineers and Chapter II-Registration of Land Surveyors. Engineers are not exempt from the provisions of Chapter II. Land surveyor registration under the Model Law is a good deal less liberal than our Land Surveyor's Act would have been with the adoption of AB 2296, going to the extent of establishing a separate board.

The national trend has been established. A civil engineer must now be registered as a land surveyor to practice land surveying in 32 states. This is opposed to only 8 states in 1958 according to a study compiled by Victor H. Ghent and published in Volume XVIII, No. 3 of the Quarterly Journal of the American Congress on Surveying and Mapping. I think California, the most populous state, should not be so reluctant to take the lead in this matter.

Richard J. Stephan

LOGIC

Don Ward

Mr. Jurkovich complained bitterly at the fourth annual CLSA convention that the Land Surveyors were uneducated, unprofessional and have not produced one shred of logical evidence that the civil engineers being registered today are unqualified to practice land surveying and, therefore, had no reason and no justification to submit any legislation as was done with AB 2296.

Mr. Jurkovich cried for logic.

Let's give Mr. Jurkovich some logic.

The Land Surveyors Act requires that an applicant have six years experience in a responsible position in land surveying. It further requires that five land surveyors who have a license attest to his proficiency. And finally it requires that he pass a two-day exam to test him for minimum knowledge relative to land surveying. We have as a means to measure our abilities a



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practice act that is designed to protect the interest of the public. We have the public as a judge and the courts of the land as a review board.

I think that these requirements demonstrate that we land surveyors have sufficient education to become land surveyors. If Mr. Jurkovich means that we land surveyors do not have university or college training in civil engineering, I will agree. But then the engineers are not being schooled in land surveying either. What is the measure of education? The public seems to think we are well enough educated to give us the status of professionalism.

As to professionalism. Perhaps Mr. Jurkovich should read the last three pages of the California Land Surveyors Association By-Laws and Membership Roster. At least then we could have some discourse under conditions of mutual consensus as to the parameters of our subject matter. To judge another profession by the standards of his own demonstrates prima facie evidence that he knows little of the profession that he criticizes.

Mr. Jurkovich is a member of the Board of Registration for Professional Engineers. One of his duties is to protect the public interest. The Land Surveyors' Act is also designed to protect the public interest. It has been demonstrated by the California Land Surveyors Association that:

1. Civil engineers are not educated in land surveying.
2. The examination for civil engineer registration can be passed without having to answer any questions relative to land surveying.

Continued on next page

3. Civil engineers practice land surveying.

Where is the protection of the public interest?

Mr. Jurkovich deplores changing a circumstance in the structure of our practice act that permits more new registered civil engineers each year to practice surveying without a demonstration of competence than there are licensed land surveyors in the whole surveying profession. Mr. Jurkovich would have the incompetence first be demonstrated by physical acts and then taken care of by punishment.

Woe be unto the public interest if Mr. Jurkovich who, as a member of the Board of Registration and therefore dedicated to the protection of the public interest, is assigned the task to determine the competence of land surveyors.

CLSA has been asked by the engineering societies to take care of our problem through the Board of Registration rather than through legislation. Mr. Jurkovich doesn't believe we have a problem. He is a member of the Board. He is also a civil engineer member of the Board.

I get the feeling that CLSA is in a position very similar to the pedestrian, who has just been run over by a drunk driver, being taken to an emergency ward of a hospital and learning that the doctor in charge just coming on duty is the driver of the car.

The Association's sympathy goes to Frank B. Pirie, L.S. of Santa Barbara for the loss of his wife, Grace J. Pirie on Sunday, April 26, 1970.

In regards his wish, in lieu of flowers, please do something nice for a stranger.

COMPETENCE vs. QUALIFICATION

Richard J. Stephan

According to the dictionary these two words are nearly synonymous. They are considerably different, however, as they are used pertaining to a profession. Webster's Dictionary of Synonyms states: "Competent and qualified are seldom used to characterize a person or his activities except in relation to a specific calling. Competent implies the ability to satisfy capably all the special demands or requirements of a particular situation, craft, or profession, but it does not necessarily imply, as does qualified in its current strict use, compliance with set standards, such as special training and the testing of one's competence at the end of such training."

The accepted method of determining qualification of a professional man, or an aspirant to a profession, is by examination. Competence cannot be determined by examination and must be judged after the fact. It is impossible for the unqualified to practice competently, hence, qualification is a necessary ingredient of competence. On the other hand, a qualified person may practice incompetently due to the way in which he applies his knowledge. This could be affected by his professional philosophy, his mental or physical condition or economic pressure.

A.C.S.M. POLICY STATEMENT REGARDING LAND SURVEYING

In view of the need to clarify the intent of the ACSM endorsement of the January 1965 Supplement No. 45A to the ASCE Manual and Report in Engineering Practice No. 45, the Board of Direction of ACSM on March 7, 1970 has approved the following policy statement:

1. 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.
2. The complex of licensing laws and regulations within each state should assure that those licensed to practice in each of the professions are educated, experienced, and competent to practice the profession, as a means for safeguarding the public interest.

SURVEY MY DEED

All that certain real property described in the Deed from David Adams Elliott et als to Chas. M. Nissen, dated July 20, 1917 and recorded August 22, 1917, in Liber 2591 of Deeds at page 154, lying northeasterly, easterly and southeasterly of the following described line, to-wit.

Beginning at a point on the northern boundary line of the property described in that certain Deed above mentioned dated July 20, 1917, . . . distant thereon 4125 feet easterly from the northwest corner of said property and which said point of beginning is intersected with a woven wire netting fence; thence following said woven wire netting fence in a southeasterly direction to the intersection of a fence; thence southwesterly to an iron pipe marked N-105; thence following a fence in a southeasterly, southerly, easterly, south and southwesterly direction to a point where said fence runs northwesterly; thence southerly to a gate in a fence about a quarter of a mile southeasterly of an iron pipe marked N-85; thence southeasterly along said fence to an iron pipe marked N-65; thence along said fence in a southwesterly direction to an iron pipe marked N-50; thence along said fence westerly 400 feet, more or less, to a point north of a gulch; thence southerly to the head of said gulch; thence southerly along said gulch to a roadway; thence across said road to the northeast corner of a field known as "house pasture;" thence along the easterly and southerly fence line of said pasture to a gulch; thence southerly along said gulch to the head of said gulch; thence southerly to a fence; thence southwesterly and southerly along said fence line to the southern boundary line of the property described in the Deed executed by William L. McLaine and C. H. Lamberton, as Executors of the last Will and Testament of Mary Ives Crocker to Charles M. Nissen and Sue I. G. Nissen, his wife, as Joint Tenants, and recorded January 31, 1936, in Liber 3287, at Page 131.

AB 899 – Permits fee on parcel map for drainage improvements. Follow.

AB 426 – Authorizes general description of real property in city, county and district notices. Follow.

AB 493 – Requires reasonable access to coast on tentative maps. In favor.

AB 1199 – Requires public hearing on tentative map within 21 days. Follow.

Paul Lamoreaux presented two alternate proposed amendments to the Land Surveyor's Act to allow for certification of a Surveyor-In-Training. It was moved and carried that alternate 2 be submitted to the Board of Directors as the best plan along with the recommendation that no action be instituted this legislative session as the time for submitting new legislation is very short. This proposal should be integrated into our next legislative effort.

The following timetable was outlined by Chairman Stephan as being required to implement our assigned program of resubmitting legislation in 1971:

April Board meeting – Include timetable in report to the Board.

July Board meeting – Submit comprehensive outline of proposed legislation to the Board of Directors.

August – Present plan to other organizations. This will satisfy our moral and ethical obligation of adequate notice and allow time for discussion and possible modification.

October – Legislation must be ready. This will allow 3 months

for author, advocate and membership to promote legislation. January – Submit to Legislature.

After much discussion a motion was made, seconded and carried that we recommend to our Board of Directors that the entire program be submitted to Assemblyman Badham's Committee on Commerce and Public Utilities for interim study. The material to be submitted will include AB 2296 with possible amendments, the Model Law, our proposed legislation and our portfolio of background information. This must be submitted in August or September.

Minutes of March 28, 1970 meeting.

Controversial Terms Continued from Page 8

controversial terms, describe the problems pertaining to each such term, suggest possible solutions to those problems, and (where possible) propose recommended definitions solving such problems.

These controversial terms have been used in five major areas: (1) The Land Surveyors' Acts and other statutes; (2) California Boundary Law as stated by Court Decisions; (3) Professional Surveying Practice as described in texts and professional papers; (4) The regulations and Instructions of the California Surveyor General and (later) the Board of Registration for Professional Engineers; and (5) The Regulations and Instructions of the U.S. Surveyor General for California, the General Land Office, and (later) the Bureau of Land Management.

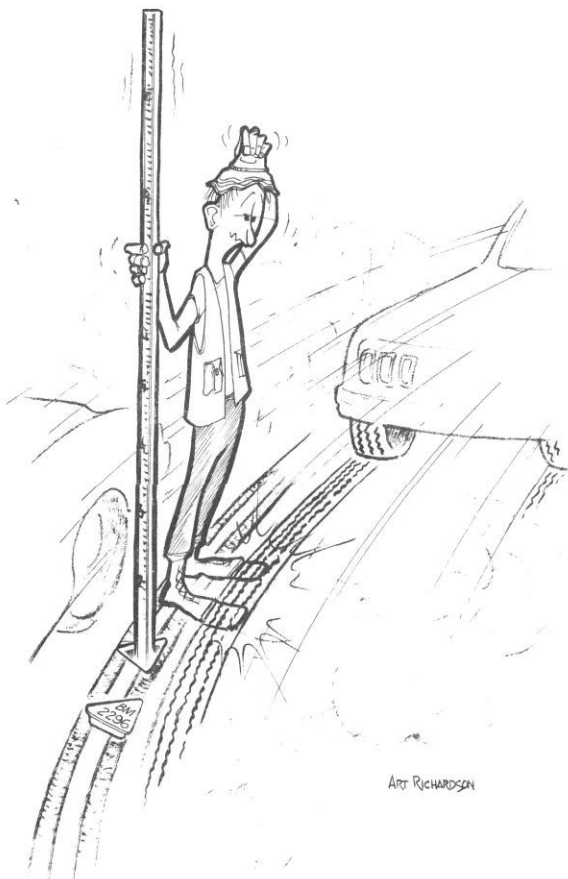
The class work will consist of investigation, research, discussion, and the preparation of several professional papers by each member within fields of special competence and interest. The results of the seminar will depend upon the experience, knowledge, and efforts of the class. Part of the work will be the solicitation of opinions and ideas from authorities upon the subject and from the members of the profession practicing in California.

Although the primary focus of the seminar will be upon the practice of California Licensed Land Surveyors, it will be open to other professions dealing with the subject, such as Titlemen and Attorneys especially interested in the terms defining boundaries, Civil Engineers experienced in land surveying or right of way engineering, and Governmental Personnel skilled in the subjects. Membership will be limited to persons *professionally* qualified in the subjects and familiar with such terms.

The objectives of this seminar will be: (1) The preparation of a published reference compiling the work of the class; (2) The preparation of an Outline and other basic materials for similar seminars; and (3) The preparation and publication of joint professional papers dealing with those terms upon which substantial agreement can be reached.

The scope of the work will be preliminary and directed at forming a basis for further work.

The seminar described is being developed by the Sacramento Chapter and request letters from interested members listing controversial terms with a description as why they are controversial. Please send them to John W. Snel, 5136 Melvin Drive, Carmichael.



CALIFORNIA LAND SURVEYORS ASSOCIATION - 1970

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PROFESSIONAL CODE

It shall be considered professional and consistent with honorable and dignified professional conduct for any member of the California Land Surveyors Association:

1. To devote effort and support programs to raise the professional, ethical and social status of Land Surveying.
2. To maintain a campaign for public recognition of professional contribution to the ethical, economical and social well-being of citizens of California and of the United States.
3. To accept and maintain standards of professional conduct of the highest order to win the respect and admiration of all citizens.
4. To protect the profession of Land Surveying and the public against the unqualified.
5. To promote an effective program of exchange, communication and cooperation amongst its professional members.
6. To maintain a constant effort of understanding between professionals in government service and private consulting, recognizing the common aims and philosophies and mutual respect of the professional society.
7. To promote and stimulate leadership in public service on a community, state and national level.
8. To promote and maintain an effective and continuous program of expanding our knowledge of social and technical advances.
9. To protect the professional reputation, prospects and practice of another professional with the same vigor and determination as he would his own.
10. To manage his professional ethics with the courage to uphold his integrity over all other considerations.
11. To publish thoughtful and subdued public announcements free from ostentatious complimentary or laudatory implications. Professional cards, brochures, posted projects, press releases of worthy news items and project participation notices are acceptable forms of public announcements.



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Edward A. Boris, Jr., EDITOR

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