EARLE FENNELL TO ADDRESS CONVENTION

Earle J. Fennell, President of the American Congress on Surveying and Mapping, and Associate Chief Topographic Engineer of the U.S. Geological Survey will be the principal speaker at the forthcoming VAS Convention in Williamsburg in January.

This well known engineer and ASCM administrator has long been a friend of the practicing land surveyor and well acquainted with his problems.

Born near Velva, North Dakota, Earle Fennell attended grade and high school there and later was graduated from the University of North Dakota with a Bachelor of Science degree in Civil Engineering.

Prior to and during his college years, he was employed by the U.S. Geological Survey as an engineering aide. After graduation, he was employed for a short time by the North Dakota State Highway Department on preliminary highway surveys.

He returned to the U.S. Geological Survey in 1936 and until 1947 was engaged in topographic surveys in the central part of the United States. In January 1947 he was transferred to the headquarters office in Washington, D.C., where he has filled several positions leading to his present position as Associate Chief Topographic Engineer.

In recognition of Mr. Fennell's valuable contributions and his many years of outstanding service as an engineer and administrator in the field of topographic surveying and mapping, he was awarded the U.S. Department of the Interior's "Distinguished Service Award," in 1965.

Mr. Fennell is a registered Professional Engineer in the State of North Dakota.

He became a member of the American Congress on Surveying and Mapping shortly after it was founded. He has been active in its affairs over the years, and is past chairman of its Topography Division. Mr. Fennell served two years on the ACSM Board of Directors and was on the Board again in 1965, was elected as Vice President of ACSM in 1965, and to the Presidency in 1966.

He is a member of the American Society of Civil Engineers and also a member of the American Society of Professional Engineers, the Association of American Geographers, the American Society for the Advancement of Science, and the Canadian Institute of Surveying.

ELEVEN PASS STATE EXAM IN NOVEMBER

Mr. Cecil J. Cross, Alexandria, Virginia, Chairman of the Land Surveying Section of the Virginia State Board for Examination and Certification of Architects, Professional Engineers and Land Surveyors, announces the following persons were certified as Land Surveyors as a result of having passed the examination given at The Hotel John Marshall, Richmond, Virginia on November 29 and 30, 1966.

- Clifton J. Falcon
- Frederick K. Fidler
- James Roane Gray
- David C. Holland
- Allison F. Kraft
- Sterling R. Maddox, Jr.
- Walter C. Sampsell, Jr.
- Robert S. Schwenger
- Donald B. Sproles
- Thomas B. Wheatley, Jr.
- Victor L. Zitta
The Old Dominion Surveyor

"The Old Dominion Surveyor" is the official publication of the Virginia Association of Surveyors and is published quarterly for the membership and for the betterment of the Surveying profession.

John H. Bartenstein, President
C. A. Thorpe, Jr., Editor

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For VAS Membership write Kenneth M. Hart, RFD #3 Box 165, Mineral, Virginia

President's Message

It is the usual policy of this final message to be one of gratitude for the help received during the year, and this one will follow suit.

However, first I want to make my position very clear about our proposed long range plans. As all now know, we are proposing what may seem to some as being drastic steps.

At the risk of repeating myself in previous messages, I want to re-emphasize the statement that we are now a mature profession. We have a service which must be rendered. We are not hobbyists. As in other professions there are those who are not in active practice. I am afraid however, that there are some surveyors who feel that they cannot make a living in full time practice. One of the main reasons we do want to raise our organization to a higher level is so it can help to make our profession such that a surveyor can make his way in full time practice. To do the needed work, we must have money and a staff. This type of talk of course, will scare many, but it should not. Let us not underestimate our importance.

I realize that it is hard for some surveyors in the outlying areas to face the idea of greatly increased dues. It is also hard to listen to attorneys and others corner the local surveyor in the record rooms and milk him for information which is not passed on for free.

Let us unite behind this program and become what we really are, True Professionals in a True Profession.

I owe so much to so many for working so hard on so many projects. It has been a great inspiration to me to see the deep interest that the members have in the Virginia Association of Surveyors. I know that our President Elect Cook will do a wonderful job this coming year and I urge all of you to help and support him to the utmost.

DEAR VAS WIVES:

I am surely looking forward to seeing you in Williamsburg now that we are over all of the festivities of the holiday season. It has been my experience that a few days away from home, especially at this time of year can be a real change of pace.

Some of you have children who are old enough to truly enjoy Williamsburg, Jamestown, Yorktown and perhaps the Mariners Museum in Norfolk. Even if the weather is not kind, there are a lot of interesting things to see in the restored buildings. In addition several movies are shown by the Restoration depicting life in the Colonies.

My children were always fascinated by the free buses which cover the restored area and I am sure they absorbed a bit of history on these trips.

For those of us who have been regular visitors to Williamsburg the browsing in the quaint shops and visits to surrounding areas where several plantations have been restored, affords no end of new experiences.

Come join us for coffee Friday at 10:00 A.M. in the Scroll Room and I'm sure you can find someone who is going to find bargains at the glass house, sight seeing or shopping.

I've heard Cliff Thorpe has something special up his sleeve in the way of a trip Saturday, so join us for that too.

I hope to have a chance to talk with you while the men are talking shop at the Williamsburg Lodge January 12, 13 and 14th. Until then Merry Christmas and let's begin the New Year with a trip for us.

Cordially,

Lib Bartenstein

ACSM BOARD CHANGES NAMES DIVISIONS

Houston, Texas, October 8, 1966. ACSM Board of Directors, in session during the ACSM-TSA Convention at Continental Hotel in Houston, Texas, today approved petitions by two of ACSM's three Divisions to change their names as follows: To become effective in 1967: the present Mapping and Charting Division will be the ACSM Division on Cartography; the present Property Surveys Division will be ACSM Land Surveyors Division. The third Division will retain its present name ACSM Control Surveys Division.
COOK BECOMES 18TH PRESIDENT OF VAS

George F. Cook, Jr. of Arlington, Virginia, was elected to become the chief executive of VAS for 1967 as a result of state wide balloting held in November. Currently serving as Vice-President, Cook was selected by the Board of Directors at its fall meeting held in Richmond as its nominee for the Presidency.

As Mr. Cook moves into his new position he will bring with him many years of experience in VAS work as he has also served as President of the Mount Vernon Chapter and held various committee assignments both at state and chapter levels.

Employed by Carson V. Carlisle since 1946, Cook is now in partnership with Mr. Carlisle having formed the firm of Carlisle and Cook of Arlington, Virginia.

COOK OUTLINES PROGRAM FOR '67

The coming year promises to be a most active one, with special emphasis being placed upon our educational and public relations programs.

The apprentice training program will be continued and hopefully expanded to more areas throughout the state. The prospects on the higher educational level look exceptionally bright for the future. I was most encouraged by my recent meetings with the Civil Engineering Departments of the University of Virginia, Virginia Polytechnic Institute and the Virginia Military Institute where discussions were held with reference to an associate degree to be offered in the Community Colleges with special emphasis placed on surveying and related subjects. At this time we possess high hopes that these associate degree credits can be transferred to the undergraduate programs offered at the above State Universities. I might add that I was most cordially received by these schools.

With anticipated advances in our educational programs we must make a concentrated public relations drive to advise the young graduating high school men of the educational and employment opportunities within the surveying profession.

We must also advance our publicity and public relations program on a community level making the public aware of our responsibilities and duties in relation to their health, safety and welfare, hence striving to bring the surveying profession on a much higher level, one in which the surveyor is considered on a plane equal to our fellow professionals.

During the coming year there will be a concentrated effort made to increase the membership of V.A.S. by contacting all non-member surveyors licensed in the Commonwealth. Along these lines we hope to bring the at-large members into chapters where they can be better advised on V.A.S. programs. There will be an effort made to reach those members not within chapter range in another manner.

We shall continue to work on the necessary standing committee level with special emphasis placed on a time-table for future manual publications and also the continued study of the obsolete laws governing surveying in Virginia.

There will also be a special committee appointed to explore the possibility of the formation of National Land Surveyors Association.

With today's critical use of land, one of our most precious possessions, let us not lose sight of our responsibilities to the public interest. Let us continually strive to advance and upgrade our profession and above all practice within our limitations, always considering our fellow professionals.

PLAN NOW TO ATTEND THE
19th ANNUAL MEETING
WILLAMSBURG, VIRGINIA,
JANUARY 12-14, 1967
JOHN M. DICKERMAN TO DISCUSS TIGHT MONEY AND HOUSING AT CONVENTION

A nationally known authority on the housing and construction industry, John M. Dickerman has spent over twenty years as an executive and consultant in the field.

Having served seventeen years as a key executive with the National Association of Home Builders, whose 40,000 members build 70% of the nation's housing, Dickerman has an unusually broad background in finance, money supply, and governmental relations as these elements govern the growth and progress of the second largest industry in the nation.

From 1951 through 1963 he served as the NAHB's Executive Vice President. Since 1963, the consulting firm he now heads has specialized in financing, marketing and governmental relations services for leading mortgage lending organizations, building firms, and building materials distributors and manufacturers.

Dickerman received his bachelor of arts and law degrees from the University of Illinois in 1938 and 1940, respectively; he is admitted to practice law in Illinois, Ohio, and the District of Columbia and before the U.S. Supreme Court.

Well known as a speaker and editor on construction industry topics; he is a life member of the Board of Directors of NAHB, a post voted him in recognition of distinguished service to the industry.

Dickerman presently serves on the U.S. Chamber of Commerce Community Development Advisory Panel, as well as the Construction Industry Advisory Council.

Earlier in his career, Dickerman served in executive capacities with Republic Steel Corporation, the Air Line Pilots Association and the U.S. Alien Property Custodian's office.

SURVEYING ERRORS

Editors Note: The following has been taken from "Surveying Errors" by William A. Wintz, Jr., Associate Professor of Civil Engineering, Louisiana State University and has been printed with express permission of the author.

RECOMMENDATION FOR TAPING A LINE

Entirely too often the importance of proper taping is ignored because one thinks its very easy and anyone can be a chainman. It is true that anyone can be a chainman, but it takes training, continued thought and carefulness to be a good chainman. The exact procedure will and can easily vary from party to party. However, I would recommend the following be done to help minimize errors.

1. The rear chainman should start with one pin and the head chainman with 10 pins and the number of pins the rear chainman has is the number of hundred feet to the pin that is in the ground.

2. After the rear chainman puts the head chainman and tape on correct line he should put the 100 foot mark (sometimes zero) on the correct point and hold it there. He should watch this mark and not the head chainman.

3. After the head chainman has set and checked the pin he should yell "check," "OK" or "come ahead." If the rear chainman sees that the mark is on the correct point at this instant, the distance is correct and he releases the tension and lets go of the tape and starts to the next point. If it is not, he asks for a re-check. The head chainman should never touch the pin after it is checked. Many have a tendency to push the pin a little more securely into the ground after it is checked. This is wrong. There is a possibility that the end of the pin may hit a hard surface and slide away from the correct point. Both rear and head chainmen should count their paces so they both will know when they've gone approximately 100 feet. If the head chainman does not stop near the end of the 100 feet, the rear chainman should yell "chain," "tape" or anything to make him stop.

4. A very large percent of taping errors are made in the distance this is a fraction of a 100 feet or the last part of the distance. The procedure has to vary slightly with add and cut tapes, but both head and rear chainmen should do the mental calculation aloud and both agree on a distance before it is recorded. The rear chainman should not only read the foot mark that he is holding but should check the marks on each side of the mark. This little precaution may eliminate an incorrect reading, especially with an old, poorly marked tape. When the rear chainman counts his pins (arrows) to get the number of 100 feet he should make sure he does not count the pin in the ground. Before recording the distance the head chainman should also count his pins to make sure that no pins were dropped or lost. The rear chainman should never pull the last pin out of the ground until the distance is properly recorded in the notes. There are two good reasons for not pulling this pin. First, if he pulls it he may count it as another 100 feet. Second, if there is a doubt of the reading and the pin is pulled this doubt will always exist until the distance is completely remeasured.

5. Both head and rear chainman should always have a plumb bob in a sheath. They will have one handy when it is needed. One of the men should have a hand level to make sure the tape is held level when a plumb bob is used. Less error is made with a plumb bob doing downhill taping than uphill. A tape should never be held above the shoulders of a person using a plumb bob. Without a hand level check the person downhill tends to hold the tape from 1 to 2 feet too low.
PROGRAM
19TH ANNUAL MEETING

THURSDAY, January 12, 1967
10:00 A.M.—Registration—Entrance to North Ballroom (Exhibition Hall)
1:00 P.M.—Agenda Meeting—Virginia Room
1:45 P.M.—Opening of Business Session—Virginia Room
   President's Report
   Sec.-Treas. Report
   Chapter Presidents
   Member's at Large Report
   Appointment of day Committees
   If time allows begin committee reports
4:30 P.M.—Adjournment to view exhibits (North Ballroom)
   (Exhibits close 5:30 P.M.)
6:00 P.M.—President's Cocktail Party (North Gallery)
   (No children)

FRIDAY, January 13, 1967
9:00 A.M.—Registration—Entrance to North Ballroom (Exhibition Hall) Exhibits Open
9:45 A.M.—Business session continued—Virginia Room

Committees
Illegal Practice
Obsolete Laws
Surveyor Education
Surveyor Availability
Constitution & By-Laws
Practice
Ethics
Manual
Highway Liaison
Surveyor's Hall of Fame
Legislative
Washington's Office
Liability Insurance
Certificate of Recognition
Public Relations
Old Dominion Surveyor
Group Insurance
Long Range Planning
Affiliate Membership
Chairman
Kenneth L. Barton
William S. Roudabush, Jr.
Robert M. Bartenstein
Charles E. Kabrich
J. Walter Jones, Jr.
Edmond L. Wilmarth
Paul Saunders
Herman L. Courson
Jack M. Hill
David Dick
Robert R. Kim
Lee A. Ebert
Charles B. Shreve
J. Walter Jones, Jr.
Thomas D. Blue
C. A. Thorpe, Jr.
P. Porcher Gregg
P. Porcher Gregg
C. A. Thorpe, Jr.

   Professional Liability Insurance—A Progress Report—Virginia Room
12:15 P.M.—Adjournment for lunch
2:00 P.M.—Panel Discussion—"Surveying Practices & Procedures"
   Edmond L. Wilmarth—Virginia Room
3:00 P.M.—Speaker—Mr. John M. Dickerman, National Housing Consultant, Virginia Room
4:00 P.M.—President's Time
5:00 P.M.—Viewing of exhibits—(Exhibits close 5:30)
8:30 P.M.—Plumb Bob Club Cocktail Party—North Gallery
   (No children)
11:30 P.M.

SATURDAY, January 14, 1967
9:00 A.M.—Registration—Entrance to Exhibition Hall
   Desk closes at 12:00 Noon
9:15 A.M.—Exhibitors and Manufacturers Round Table—Rooms B & C (Speakers from the exhibitors and affiliates will have a panel discussion of the latest equipment, methods and techniques). Clifford A. Thorpe, Jr., Moderator.

Noon Luncheon—Virginia Room
   Speaker—Mr. Earle J. Fennell, President, American Congress on Surveying and Mapping. Associate Chief Topographic Engineer, U.S. Geological Survey. Title "Increasing Responsibilities for Tomorrow's Surveyor".
1:45 P.M.—Final viewing of exhibits
2:30 P.M.—Discussion Session
   (This time will be devoted to preparation of final business, exhibit viewing and day committee meetings) All others are invited to take part in a general discussion of surveying subjects of interest.
3:30 P.M.—Continuation of business
4:30 P.M.—Exhibits close
5:00 P.M.—Adjournment of Business Session
7:00 P.M.—Annual Banquet—Virginia Room
   Entertainment Awards
   Installation of State and Chapter Office and Directors
9:00 P.M.—Annual Ball—Virginia Room (Dress Optional)
   B.Y.O.L.

LADIES PROGRAM

THURSDAY, January 12th
6:00 P.M.—President's Cocktail Party—North Gallery
   (No children)

FRIDAY, January 13th
10:00 A.M.—Coffee—Scroll Room
   By request of many ladies no formal tours or events have been scheduled for Friday morning or afternoon. However, an announcement of events and available tours will be distributed at the Registration Desk.
8:30 P.M.—Plumb Bob Cocktail Party—North Gallery
   to
11:30

SATURDAY, January 14th
   Special Program to be announced
7:00 P.M.—Annual Banquet—Virginia Room
9:00 P.M.—Annual Ball—Virginia Room (Dress Optional)
   (No children)
ROUDABUSH, KIM AND HART WIN ON NOVEMBER BALLOT

William S. Roudabush, Charter President of the Monticello Chapter was elected to be Vice-President of VAS for 1967. Graduating from the University of Virginia in 1952 Roudabush held the position of Assistant City Engineer of Charlottesville.

Active in both civil and professional affairs he has also built the Monticello chapter into one of the larger chapters of VAS.

Robert Kim of Springfield was the state choice to fill the office of Secretary-Treasurer for 1967. A former employee of the Coast and Geodetic Survey, Bob has a vast amount of experience in surveying, having surveyed in many states in addition to coastal survey work.

An executive in the firm Carroll-Kim Associates he resides with his wife and three children in Springfield, Virginia.

Kenneth M. Hart was elected to move into the position of Director of VAS. A member of the firm of Hart and Bell of Mineral, Virginia, Ken will bring with him the experience of State Secretary-Treasurer as well as the views of the surveyor practicing in the rural areas.

TIDEWATER CHAPTER NAMES 1967 OFFICERS

As a result of recent balloting the following have been elected to govern the Tidewater Chapter for 1967.

President: R. Stuart Baldwin
Vice President: John H. Barthe
Secretary-Treasurer: Walter R. Stephenson
2-Year Directors: Wilfred P. Large, Jack M. Hill
*1-Year Directors: Charles E. Browning, Jr., Lee S. Rood

*1-Year Directors—Appointed by the Official Board on December 5, 1966 to fill offices vacated by new President Baldwin and new Secretary-Treasurer Stephenson.

TWELVE PIECE BAND TO ENTERTAIN AT ANNUAL MEETING

Dance enthusiasts throughout the state are familiar with Jap Curry’s 12 piece band known as the “Blazers”. Featured regularly at the Conference Center this outstanding band has also made appearances at many clubs and most of the major hotels in the state.

In Washington, D.C., the “Blazers” have performed at the Sheraton Park, Raleigh and Willard Hotels. The originality and virtuosity of this talented group has resulted in their steadily increasing popularity.

The featured vocalists with the band are Annie Mae Bronson and Rudy West. Miss Bronson began as a child singing in church groups and this background is apparent in her warm rendition and interpretation of songs; and in the recordings which she has made for Inferno Records. Rudy West has developed his own fine style through a variety of associations. For a number of years he was the lead singer with the famous “Five Keys” who recorded exclusively on Capital.

He has recorded for several other labels and has a new record released last week on Inferno Label.

The Jap Curry band has also made several recordings. In addition to personal appearances and providing dance music, they have done background work for Columbia, M.G.M. Howard, Frandy, and Segway Labels. All arrangements for the band are done by Jimmy Baylor and are played with a beat that makes them natural for dancing feet.

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