President's Message

Thanks for the Memories

It is hard to believe that I am writing my last column as your president of the ASCE OC Branch. My tenure has been too short in many ways. The challenge of providing guidance and direction to the local ASCE practices and at the same time managing a private consulting engineering firm has required a significant level of effort but I think it was worth the effort. Traditionally, in the last column, the president summarizes the goals for the last year and evaluates performance. I will continue with that tradition. In short, my goals included trying to improve the image of civil engineers, uniting civil engineers between public and private practice, improving the OC Branch web page, and increasing attendance at local branch meetings. The goals were not selected because they could be completed and forgotten but represent a continual quest to improve the well being of the civil engineering profession in Orange County.

To improve our image, we had our national ASCE president, Dan Turner, here to speak. We should continue to have the ASCE national president at least once a year to provide an update on ASCE and to listen to what our members need; I expect our own Bob Bein, the ASCE national president-elect, to speak several times to the local non-engineering community and to ASCE. Several of my monthly articles focused on the image of engineers and ethics. My May article on Ethics for Engineers and this month's column on Ethics for Other People must have struck a nerve because I received more comments on that article than all others combined. We must continually review our own actions relative to our profession and fellow civil engineers. The greater community will only treat civil engineers as well as we treat ourselves.

ASCE and the American Public Works Association (APWA) had a joint meeting for the first time in June. Both groups agreed that we need to continue to foster that relationship between engineers in public and private practice. With a proposition regarding contracting out by...
On August 19th, thirty-two of our members and friends had a great tour of the Eastside Reservoir. We saw the West and East Dams and some of the borrow areas. The zones of the fill in the West Dam were clearly visible as they appear in the accompanying photo. We observed some of the excavation in progress and the construction of the inlet/outlet structure.

The MWD personnel were great tour guides. They pointed out some of the changes that were made to accommodate the use of the materials unexpectedly found in the borrow areas and showed us some of the archaeological finds uncovered in the excavation.

Fred J. Meier  
History & Heritage Chairman

CONGRATULATIONS, AL!

I am pleased to announce that our own past president, Al Nestlinger, M. ASCE, has been selected by the ASCE National to receive the Zone IV 1999 Government Civil Engineer of the Year Award for his significant contributions to the practice of civil engineering in the public sector. As you all know, Al has been with the County of Orange, Public Facilities and Resources Department (formerly EMA) for over 35 years, and has served as the Chief of Hydrology Section since 1978. He has recently retired from public service and joined Exponent-Failure Analysis Associates as Senior Engineer.

The award will be presented to Mr. Nestlinger at the ASCE Annual Convention on October 19, 1999 in Charlotte, NC.

Congratulations, Al!

C.T. Bathala, F. ASCE  
Chair, Awards & Nominations Committee  
ASCE, Orange County Branch
Joint Meeting of the
O.C. Branch Hydrology & Hydraulics Technical Group
And
L.A. Section International Committee

Date: Thursday, October 7, 1999

Speakers: Mr. Dave Glass, Marketing Director, Project Development International Inc. and
Mr. Chris Butcher, Director, Project Development International Inc.

Topic of Presentation: Environmental Mitigation and Water Supply Projects in Developing Countries

Synopsis: Mr. Glass and Mr. Butcher of Project Development International will discuss the environmental mitigation and water supply projects in the developing countries and the funding that is available for such projects. In addition they will discuss the new wave of project development and the process that their organization represents.

Time: Social "Hour," 11:30 AM - Noon
Buffet lunch starts at 11:45 AM; Program starts at Noon.

Location: Santa Ana Elks Lodge (I-5 and First Street)
212 Elks Lane
Santa Ana, CA - Phone: (714) 547-7794

Cost: $13 advance payment by mail before Wednesday, Sept. 29, 1999;
$15 at the door (confirmation by FAX required at (714) 434-6120). Students are $4 at the door with school I.D.

Please make checks payable to: HHTG and mail to:
Dan Villines, HHTG Treasurer
26511 Merinda, Suite 5
Laguna Hills, CA 92656

ASCE-OC Newsletter 10/99-3
P.E. LICENSE REVIEW COURSE

The Robert Bein, William Frost and Associates P.E. License Review course for the April 14th and 15th, 2000 professional license exam will begin on January 8, 2000 and continue for thirteen (13) Saturdays, ending on April 1, 2000. The course is taught by practicing professionals and includes several unique features:

- Course fee includes five textbooks and over 2,000 pages of focused lecture notes and solved practice and example problems.
- Enrollment strictly limited to 35 students.
- Comprehensive coverage of all subjects addressed by the eight-hour exam as well as those covered by the California Special Survey and Seismic Portion of the exam.
- Approximately 100 hours of classroom instruction.
- Excellent course track record.
- Centrally located at the Irvine Spectrum Offices of Robert Bein, William Frost & Associates, 14725 Alton Parkway. A pleasant atmosphere is combined with a convenient Orange County location.
- Continental breakfast provided for each session.

The course is designed to emphasize personalized instruction and practical applications of principles covered by the examination. The course fee is $825. Scholarships are available for minorities and women. To receive a course brochure and application, please contact Ms. Debi Blake @ (949) 472-3505. For technical program information, contact the course coordinator Mr. Scott Taylor @ (949) 855-3629 or e-mail staylor@rbf.com. You may also log onto our website to review the course schedule and brochure, and register at http://www.rbf.com.

BLACK JACK ANYONE?

The Orange County Branch is planning to have a Las Vegas Casino Night for fun and prizes along with the History and Heritage Program for the November 18th, 1999 Branch Meeting. In order to do this within the Branch budget, we need to provide our own Dealers for the Blackjack tables. (approximately 20+ Dealers will be needed)

If you have a basic understanding of the game and can count to 21 without a calculator we would greatly appreciate your services. Dealers will deal cards for maybe an hour and then will rotate so they can also enjoy winning on the other side of the table throughout the evening.

To sign-up and support the OC Branch, Contact Fred Meyer at (714) 550-7551.

Please help make this planned event a reality by signing up by October 15th, 1999.
GEOTECHNICAL ENGINEERS

AGRA Earth & Environmental, Inc. is celebrating 45 years of service in the earth sciences. The firm is seeking F/T engineers for expanding operations in Anaheim, Los Angeles and Ontario:

STAFF ENVIRONMENTAL SPECIALIST Job #99-03
- A minimum of 2 years experience in performing Phase I Environmental Site Assessments, field investigations, asbestos sampling and surveys and report preparation.
- Degree in Engineering, Geology or Environmental Science.

GEOTECHNICAL PROJECT ENGINEER Job #99-04
- Focus on transportation projects and infrastructure. Forensic experience is also an asset.
- 3 years of local experience is required.
- Masters degree in geotechnical engineering is desirable.
- RCE required - GE preferred.

SENIOR GEOTECHNICAL ENGINEER Job #99-05
- Strong project management skills
- Local experience and expertise in seismic analysis.
- GE required.

Please respond to:
Linda Osdale
AGRA Earth & Environmental, Inc.
P.O. Box 19079
Anaheim, CA 92817
Or FAX: (714) 779-8377

AGRA is an EEO employer.

PROJECT MANAGER/ENGINEER
RESIDENT ENGINEER
DESIGN ENGINEER

Dokken Engineering, a California based civil engineering firm is seeking highly qualified individuals for the following positions:

Emphasis on Roadway, Highway, Bridge Design, & Construction. Experience in Public Works project engineering and management, familiar with Caltrans, Cities and Counties Standards and Procedures. Applicants must have Calif. PE with minimum 5 years experience.

We offer a competitive compensation and benefits package. For consideration, forward your resume to:

DOKKEN ENGINEERING
1131 E. Main Street, Suite 207
Tustin, CA 92780
Or FAX: (714) 505-6749

Eoe/M-F

T.Y. LIN INTERNATIONAL - MCDANIEL

Senior Bridge Construction Engineer; California PE License required; Caltrans bridge experience preferred; Minimum of 5 years experience

Bridge Design Engineer; California PE License preferred; Caltrans bridge experience preferred; 1-5 years bridge design experience -

Bridge Design/Construction Engineer; Caltrans design/construction experience preferred; 1-5 years experience

Senior Bridge Design Engineer; California PE License required; Caltrans bridge experience preferred; Minimum of 5 years experience

Please send all correspondence to:

T.Y. Lin International
Mark Ashley, Senior Vice President
5030 Camino De La Siesta, Suite 204
San Diego, CA 92108
(619) 692-1920
(619) 692-0634
mashley@tylin.com

Eoe/M-F
CIVIL ENGINEERING OPPORTUNITIES

Robert Bein, William Frost and Associates, RBF, an ENR top 100 engineering, planning and surveying firm, is currently seeking qualified individuals for career opportunities in our Land Development Dept. Successful candidates will work in our Irvine Office and be exposed to a variety of domestic and international development projects. Positions offer excellent salary, benefits and a dynamic professional work environment. For further information on RBF visit our website at www.rbf.com.

- **PROJECT ENGINEER**
The successful candidate for our land development project engineer opportunity must possess a BSCE, five years civil design experience and working knowledge of AutoCAD. CA professional registration is desired. Excellent communication skills and the ability to work in a team environment are essential. These skills will be used to interface with clients and design team members.

- **DESIGNER**
The position involves the creative design of masterplanned, golf course communities and subdivisions for domestic and international projects. Qualified applicants must have a minimum of two years of land development experience and a degree in planning or landscape architecture preferred.

For consideration, please forward a resume to:
ROBERT BEIN, WILLIAM FROST & ASSOCIATES
14725 Alton Parkway
Irvine, CA 92618
E-mail: hrmail@rbf.com
FAX: (949) 472-8373
EOE

CIVIL ENGINEERING ASSOCIATE

Salary: $3,748 - $5,091

Performs difficult engineering work in the planning, design and estimating of engineering projects; reviews structural plans and supervises field inspections to check compliance with building and safety regulations. REQ: Proof of graduation with a degree in Civil Engineering -OR- proof of an E.I.T. Certificate in the field of Civil Engineering recognized by the Calif. State Board of Registration for Professional Engineers at time of filing; AND two years experience involving primary responsibility for preparation of or review of standards, designs and cost estimates of civil engineering projects which must have been gained after graduation or after passing the E.I.T. exam. Apply by: October 15, 1999.

City of Long Beach
Civil Service Department
(562) 570-6202 AA/EEO
American Society of Civil Engineers
ORANGE COUNTY BRANCH
Thursday October 21, 1999

SPEAKER: RUSSELL ZAPALAC, P.E., TRANSPORTATION CORRIDOR AGENCIES
Russell Zapalac is the Director of Design and Construction for the Transportation Corridor Agencies (TCA) located in Orange County, California. In this capacity, Mr. Zapalac is responsible for overseeing the design and construction operations associated with the multi-billion dollar tollway projects in Orange County.

TOPIC: FOOTHILL-SOUTH TRANSPORTATION CORRIDOR
Mr. Zapalac will be discussing the status of the controversial Foothill-South Transportation Corridor in the far southern portion of Orange county.

Plan on attending to learn about the latest developments in the design and construction of the last phase of the Transportation Corridor Agencies network of toll roads.

TIME: 11:30 - SOCIAL  11:45 AM - LUNCH  12:15-1:15 PM - PROGRAM
COST: $15.00 MEMBERS  $17.00 NON-MEMBERS  $6.50 STUDENTS
PLACE: SANTA ANA ELKS LODGE, 212 Elks Lane, Santa Ana, CA
☞ 1-5 at First Street  ☎ 714/547-7794

RESERVATIONS: Your advance reservations, made and honored, are essential to fulfilling our catering commitment.

By Mail: Include names of all persons attending from your company or organization. Advance Payment should be sent by the 10th of the month to: Orange County Branch, ASCE PO Box 17057, Irvine, CA 92623
Payment at the door will also be accepted.
By Fax: At Least 48 Hours before the meeting To: Neil Morrison at Fax No: 949/830-0546

Name (Please Print) | Company | MBR | NON-MBR | STU
--- | --- | --- | --- | ---

Cancel: Neil Morrison 949/830-6801 - Please CANCEL your reservation(s) at least 24 hours in advance, if you are unable to attend. Thank you.

OCTFLYER
ASCE
Orange County Planning and
Development Services Department
Grading Seminar
Friday, November 5, 1999

4-hour presentation on Orange County Grading Permit Process
including the following topics by:

Francisco J. Alonso - Sr. Civil Engineer/Chief, Subdivision and Grading Division
Donald Murphy - Civil Engineer, Subdivision and Grading Division

• Overview of the Orange County Grading Code Permit Application Process
• Grading Plan Preparation and Submittal
• Soil Report Preparation and Submittal
• Plan Check Review and Comments
• Permit Issuance
• Grading Inspection
• Grading Completion Requirements

SAVE THE DATE!

Friday, November 5, 1999 from 8:00 AM to 12:00 PM
Orange County Planning and Development Services Department
300 North Flower Street, Basement Conference Room No. B10
Santa Ana, CA 92703
North West corner of Flower and Third
(Parking will be validated by the County)
Cost $50.00 Per Person with paid reservations by October 22, 1999
$70.00 Per Person after October 22, 1999
Limited Enrollment (80 seats available)
(Get your reservation in early)
The entire net proceeds of the seminar will be donated to the support of the
ASCE Student Chapter at CSULB, CSUF, UCI and Student Scholarships

Make checks payable to ASCE, Orange County
Please fill in the following information below and mail with check to:
Sam Ali/Deanna Martinez
Psomas
3187 Red Hill Avenue, Suite 250
Costa Mesa, CA 92626
(714) 751-7373 Phone
(714) 545-8883 FAX

ASCE Continuing Education Seminar, November 5, 1999 by the
Orange County Subdivision and Grading Division

Name: ___________________________________________ E-Mail Address: ________________________
Affiliation: _______________________________________
Address: _________________________________________
Telephone: ___________________________ FAX: ___________________________
Title: ___________________________ Years of Experience: ___________________________
Type of Work you do? __________________________________________

ASCE-OC Newsletter 10/99-7
FUSCOE ENGINEERING, INC.

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CAD:

Responsible for preparation of drawings / maps to agency standards under the direction of Designer / Project Manager; ensuring a clear and attractive set of engineering documents incorporating graphics and technical details; hands-on working knowledge of AutoCAD and plotter usage a must.

To be considered, please send or fax resume, three references and letter of interest to:

FUSCOE ENGINEERING, INC.
Attn: Human Resources
16795 Von Karman, Suite 100, Irvine, CA 92606
Fax: (949) 474-5315

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ASCE-OC Newsletter 10/99-8
municipal agencies on the March 2000 ballot, it is critical that all engineering organizations provide a united front to the general public in that we all serve the public.

The OC Branch has started and improved our web page to provide more and better communication for our members. I think that the web page will continue to grow and will become more important in the future. It took a lot of effort to start the web page and will take more to develop it to its full potential. Thank you to all of you who helped.

Our local meetings have had more success this year than in the recent past. We had over 200 members to one meeting. Our February meeting for awards and nominations together with the presentation of student scholarships was the best-attended in recent memory. We will continue with our awards and presenting student scholarships in our evening February meeting. Hope to see everyone there.

Financially, the OC Branch is sound and has near the reserves it should have. I foresee in the coming years the ability to award more scholarships and provide more student support than in the past when we have tried to increase our reserves. It will be nice to be able to fund more activities at the local level.

Lastly I want to thank all those volunteers who worked and continue to work for the betterment of the engineering profession and our community. Thanks for the memories.

Allen Yourman
ASCE Orange County President
Diaz Yourman & Associates

Happy Halloween

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www.jhgsc.com

Happy Halloween
MEMBERSHIP INFORMATION
Type of Membership and Annual Dues (National)

Student: $20
Associate Member: $40 in the first year after receipt of baccalaureate degree.
2nd Year: $80  3rd Year: $100  4th Year: $120
Member: $140  Affiliate: $140  Fellow: $175

Section (Branch) Dues: $25/year

Note:
1) Section dues MUST be paid along with National Dues in order to receive the Section and/or Branch Newsletters and information.
2) National dues MUST be paid to receive many discounts on conferences/short courses registrations, technical manuals and publications including ASCE insurances.
3) For non-members, dues for O.C. Branch Newsletter only $25/year
   Please contact Jeff Fromhertz, O.C. Branch Membership Chairman at (949) 727-7099 or FAX: (949) 727-7097 for application forms, change of address and additional informations.

ADVERTISEMENT RATES (Approximate number of mailings: 1550 per month)

1) BUSINESS CARD $175/year due in February
2) OTHER ADVERTISEMENTS:
   FULL PAGE $175/issue; 1/2 PAGE $100/issue
   minimum 1/4 PAGE $75.00/issue
3) FULL PAGE STUFFER (Non-commercial)
   Preprinted copies inserted: $100.00
   Printed one face plus insert: $200.00
   Printed two faces plus insert: $350.00
4) FULL SHEET COMMERCIAL ADVERTISEMENT
   (One or two sides) $400.00
5) No Charge to OC Branch Members for reasonable, non-commercial announcements, employment wanted and member news items.
   Please send your advertisements to the Secretary before the 10th of each month.

Don Currie, Secretary, ASCE, Orange County Branch
P.O. Box 17057, Irvine, CA 92623
Phone: (949) 752-6940 FAX: (949) 724-0865

Orange County Branch
AMERICAN SOCIETY
OF CIVIL ENGINEERS
P.O.Box 17057 • Irvine, CA 92623

ADDRESS SERVICE REQUESTED