

# Los Angeles Section

*Monthly: Est. 1913*

ORANGE / SAN\_BERNARDINO/RIVERSIDE / SAN\_LUIS\_OBISPO / SANTA\_BARBARA/VENTURA / DESERT /  
SOUTHERN SAN\_JOAQUIN / METROPOLITAN LOS ANGELES

*"Always do the right thing. This will gratify some people and astonish the rest."*

— Mark Twain

## PRESIDENT'S MESSAGE

By Neil D. Morrison, P.E.  
President, Los Angeles Section, ASCE

## IT'S ALL OVER BUT THE SHOUTING

Being president of one of the largest and the most active Sections in all of ASCE has definitely been one of the highlights of my civil engineering career. Being able to work alongside past, present and future leaders in the civil engineering profession here in Southern California has been educational as well as inspiring. Lessons learned, and relationships with many friends and colleagues gained through association with ASCE, will always be with me.

As the 2004-2005 Section year comes to a close, I wish to thank Rich Haller, President Elect; Carl Blum, District Vice President; Mark Norton, Section Secretary; Mike Thornton, Governmental Relations; Dolores Ventura, YMF Chairperson; and Mark Tufjenkjian, Treasurer, for their excellent work. Their efforts have made me look good and my job as president a bit easier.

### It's been a very good year...

We kicked off with our Annual Awards and Section Officer Installation lunch in October 2004. Even though it could have been better attended, the award recipients and incoming officers, spouses and friends seemed to really enjoy the beautiful day at the Bowers Museum in Santa Ana.

In January, the Annual Student Roundup was held at UCI and was well attended, thanks to Don Sepulveda.

The Younger Members Forum Popsicle Stick Bridge competition for high school design teams had to be held at two different campuses in order to get all the entries in. It was a wonderful event and everyone had a great time. The winning team was able to build a bridge that held close to 4,500 pounds, using nothing more than Popsicle sticks and glue. (I think next year YMF should check the glue bottles to make sure there are no steroids being used!)

Thanks to the tireless efforts of Mike Thornton, a very successful event was held in Sacramento in February. Working with four ASCE Sections in California, Mike arranged to have more than 50 civil engineers meet State representatives to talk about infrastructure and other civil engineering-related issues. He also set up a reception that evening at the Capitol building to continue dialogue with our representatives. Kudos to Mike, who says he plans to make next year's event even better.

The annual Pacific Southwest Conference was hosted this year by California State University at Fullerton. As usual, this was a popular event, with participation by all the civil engineering schools in California, Arizona, Nevada, and Hawaii. From this event, two civil engineering schools from the Los Angeles Section went on to compete at the National Steel Bridge Competition, and one school from the Section went on to compete in the National Concrete Canoe Contest. Congratulations to all who competed over the three days in April. Stay tuned—this event will be held locally again next spring at UCLA.

VOL\_XLV NO\_9

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### Reminder:

Copy deadline for the October 2005 issue is September 1, 2005; copy deadline for November 2005 issue is October 1, 2005.



# The Basics of Disputes, Claims and Construction Law - Part 2

By

*Tony Antich, P.E.*

*City Engineer*

*City of Santa Monica, California*

This is the fifteenth in a series of articles dealing with keys to successful project management. The Project Manager should be knowledgeable in the area of construction law in order to be effective and protect the interest of the client or agency.

## **THINGS YOU SHOULD HAVE KNOWN BEFORE YOU HAVE A DISPUTE OR CLAIM**

Involve your attorney early. Evaluate the skill level of your attorney. If they have no experience in construction law - seek an outside attorney competent in the area of construction law.

Claims must address entitlement, damages, and the cause and effect between them. Entitlement addresses the issue of the right or legal requirement such as code or contract requirement. Damages typically are quantified as monetary or time or both. The cause and effect is the reasoning behind the claim. For example, let's assume a contractor was hired to remodel a building. Upon entering the job site the contractor discovers the existing foundation is inadequate, an item that was unforeseen. The contractor is directed to install an adequate foundation. In this case, the contractor is required by code to provide an adequate foundation, which requires the contractor to perform additional work beyond their original scope of work. This unforeseen condition (the cause) required the contractor to incur additional expense (the effect).

The listing below covers most things that may go wrong for a Contractor. If you get a claim, it will typically fall into one of the following categories:

1. **Acceleration.** This is performance of the work in a time period shorter than that originally contemplated by the contract document, or performing on time when the Contractor is entitled to an extension of time, thereby causing a disruption to the contractor.
2. **Cardinal Change.** This is a change outside the scope of the contract documents. Most changes are within the contract scope of work. For example, you sign a contract to construct a fire station and through a series of changes and direction a municipal pool is constructed instead.
3. **Constructive Change.** The project manager's action or inaction can have the same effect as a written directive. Examples of constructive changes are:
  - The contractor performs extra work because of defective or confusing contract document
  - The owner issues directive directly to the contractor's subcontractors
  - The owner directs work to be accelerated, i.e. "you need to finish this by Saturday or else"
  - The contractor performed the work identified in the contract documents but has to redo the work because a city inspector ordered the work corrected to comply with code requirements.

## How Wonderful This Job Is!

I am so excited to do this monthly job of mine. It pays nothing. It drives me crazy with people calling me and e-mailing me for matters I do not have a clue on. If I make a profit from operations, everyone is happy because I turn it over for the benefit of other Section programs. If I do not make a profit and ask for money, I hear reservations and remembrances of the past wherein the operations were completely subsidized by the organization. If the product is not delivered on time, I hear complaints. If it gets delivered on time, I do not hear anything. And among those complaints, if I respond and say I am responsible for everything, I get another response saying that I am not responsible enough. If people do not remember that I already took responsibility for the mistakes of the past or have not heard that I have taken responsibility for the mistakes of the past, I get accused of not taking responsibility for the mistakes of the past. Oh, by the way, did I say I do not get paid for this, that this is voluntary. Oh, call it crazy, I did say that I enjoy doing it because I care much for my profession and the future of this profession.

We had a lot of challenges in the last fiscal year. Subscribers are screaming mad. Advertisers are dissatisfied. And we have made fools of ourselves in our staff by hiring someone to distribute our newsletter that just let the same sit in their house. I assure you that we have gone to the bottom of this and people involved in these operations know that we need to stand up and correct these problems. We are.

I also just wanted to repeat one more time that despite what people have said in either e-mails or voicemails left for me, I take full responsibility for all that has happened in the last year. I hold the ultimate decisions on how our little operation is run.

We have some suggestions communicated to ASCE LA Section Board members regarding the possible transfer of this newsletter into an electronic form. I unfortunately have received mixed responses to those suggestions. We are resolving the situation. Thanks for member's comments either way. These inputs are taken into consideration in coming up with the final decision regarding delivery.

You the readers and users of this newsletter are of utmost importance to us. We try to make this newsletter your tool of communication for all your advertising and announcement needs. Hey, an article here and there does not hurt. We hope to hear more from everyone. Good or bad comments are always welcome!

- Dr. Cris B. Liban, P.E.

Project managers need to be aware! — Things like untimely responses to Contractor requests, or acquiescence to non-contractual methods, may be seen or interpreted as constructive changes.

4. **Defective and Deficient Contract documents.** This may be the most often alleged entitlement issue and because perfect contract documents are virtually unattainable, this is probably the entitlement issue for which cities most often pay Contractors. While Contractors know there will be some defects within the contract documents, their claims will purport total and unflinching reliance on every detail. You may sometimes hear statements from contractors like "I build it, I didn't

design it" or "There is no coordination among the drawings". These and other statements are used to sway your thinking that there are problems with the drawing. Be open in your communications and don't find yourself in a state of denial or a state of over righteousness (also known as "your ego getting in the way of making a good decision").

Key items to remember:

- The contract documents are meant to be inclusive. Therefore, the plans, drawings, reports, technical provisions or specifications are considered to be one.
- Obvious (also known as patent) errors impose the duty to inquire of the Contractor.
- A few errors do not render the contract documents "defective and deficient" as a whole (which, unfortunately diminishes recourse against the project designer).

When the documents are fraught with error, the project designer bears responsibility, although putting the project designer on notice and retaining cooperation may be a delicate matter for the project manager.

5. Delays. This is something beyond the control and without the fault or negligence of the Contractor, that prevents the Contractor from proceeding with part or all of the work.
6. Differing Site Conditions. These include:
  - a. Subsurface or concealed (also known as latent) physical conditions at the site differing materially from those indicated in the contract documents. Remember, the Contractor has to prove that the data provided was relied on and that it cost the Contractor money.

- b. Unknown physical conditions of an unusual nature at the site, differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the contract documents. This can occur in a tunneling operation.

7. Directed Change. The City has the right to make changes that fall within the scope of the contract documents. The change may be verbal or written. In exchange for that right, the City must pay for the required changes. The Contractor may, at times, believe a specific direction is a change to the Contract documents. At those times, the Contractor is responsible for saying so, but it is good policy to be unequivocal. If the City is giving a direction that is not considered a change, the project manager's direction, if in writing, should so state. If not in writing, you as the project manager should promptly follow up with a written confirmation of the direction and the intention not to pay for any costs resulting from the direction. Remember, be clear as to why there will be no payment (e.g., the changed work is already in the contract documents)
8. Implied Warranty. This is the implied (meaning it is not directly expressed) provision of every contract document, that neither party will do anything to prevent performance by the other party, or hinder or delay the other party in its performance.
9. Impossibility of Performance. There are two types. The first is physical impossibility (example: the design drawings defy the law of gravity). The second is economic impossibility (example: the job, if continued, will bankrupt the Contractor). This issue is usually cited as a legal excuse for non-performance.

MORE IN PART 3

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ARTICLE

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## ASCE Mentor Program

Dear leaders of ASCE LA Section and Branches,

I am your representative to the ACE Mentor program in Southern California. The Section and the Orange County and Metro LA Branches have made financial investments in ACE, which establishes after-school mentoring programs to interest high school students in architecture, construction or engineering (hence the name, ACE). The program has grown from three schools a few years ago to thirteen schools this fall; there are ten schools in LA County and three in Orange and we are always looking for more schools and professionals that want to participate. Most of the financial investment made in ACE is returned to graduating seniors in the form of scholarships to college or other advanced training. You can find out more about ACE Mentor at <acementor.org>.

To give you a report on what your investment is producing, I've attached one photo from the ACE Mentor banquet and invite you to see the electronic link below. Our ACE Mentor banquet was held at the cathedral conference center in Los Angeles on May 17; 10 teams of high schools students presented the results of the year-long project work with their mentors and we awarded 37 scholarships to seniors. The banquet was featured in the July issue of "California Construction". Also, ENR recently ran a multi-page feature on ACE throughout the nation.

On behalf of ACE Mentor and the next generation of civil engineers, I thank you for your support.

**Paul C. Taylor, P.E.**

Executive Director, Planning, Development & Commuter Services  
Orange County Transportation Authority  
550 S. Main Street, Orange, CA 92863-1584  
714-560-5431 | FAX 714-560-5734  
ptaylor@octa.net

Please see: [http://california.construction.com/features/archive/0507\\_Feature8.asp](http://california.construction.com/features/archive/0507_Feature8.asp) for our coverage of your ACE mentoring awards event in May.

The home page is [california.construction.com](http://california.construction.com).



# ASCE is coming to the Wilshire Grand in downtown Los Angeles in 2005!!

## "Next Generation Infrastructure: Projects that Create the Future"

### October 27 – 29, 2005

By Dolores Ventura, PE

During last month's issue [Los Angeles Section Newsletter July/August Issue], Neil Morrison, LA Section President gave a great summary of this year's Annual ASCE Civil Engineering Conference. I want to reiterate some of his views because I strongly believe that this year's conference will be highly educational, stimulating, and provide you with tools "to take your vision from concept to construction." This year's conference will focus on visionary leadership skills required for success ensuring that your vision is reflected in the final product.

This year's conference fee is only \$195-for members. Younger Members are strongly encouraged to attend at an affordable registration fee of \$150. Student Members can register for only \$50 and will gain excellent exposure to the profession and practicing civil engineers while learning cutting-edge skills to turn your ideas into reality. Come take advantage of the action packed, high quality conference at a NEW low price and awesome location!!

**Calling all YOUNGER MEMBERS!!** The YMF groups in the Los Angeles area are geared up and ready for three days of evening social activities. If you hesitated in the past about getting involved, this is your opportunity to see what the Metro LA, Orange County, Santa Barbara, Ventura, and San Bernardino Riverside Counties Younger Member groups are all about. We will round up all the Younger Members from across the country and hit the streets of Los Angeles and Orange County Thursday, Friday, and Saturday night!!

Be on the **LOOKOUT** for the Conference Program. It's in the mail! If you are interested in volunteering please contact the Volunteer Coordinator, Jay Higgins, at (213) 996-2506 or jay\_higgins@urscorp.com. If you would like more information on the conference contact the conference steering committee: Bob Bein rbein@rbf.com, Carl Blum clblum@pacbell.net, Paul Taylor ptaylor@octa.net, or Chuck Rendall c.rendall@earthlink.net. For a detailed conference schedule visit the website at [www.asce.org/conferences/annual05](http://www.asce.org/conferences/annual05).

## Newly Revamped Conference in 2005!

The conference will specifically target leadership and the broad areas of Transportation and Water, as these two areas have major impact on everything that civil engineers do and especially engineers in Southern California.

### Thursday, October 27 – Opening Plenary Session

You don't want to miss this great opportunity to learn about the state of America's and California's infrastructure. We have invited the Governor of California, Arnold Schwarzenegger and the Mayor of Los Angeles, Antonio R. Villaraigosa to welcome everyone to this year's conference.

### Friday, October 28 – Visionary Leaders Forums

We will start the day with a breakfast sponsored by the San Francisco Section, which was chartered by ASCE in 1905. The breakfast will be in celebration of their centennial year of public service. Following the breakfast, the agenda includes the general sessions describe below.

During the first General Session, State Assemblyman Todd Spitzer will challenge civil engineering professionals to "step up to the plate" and take the leadership in guiding our society into the future. Next, Dr. Hany J. Farran, P.E., will present a civil engineering snapshot entitled "Civil Engineering - Past, Present, and the Challenges Facing Us in the Future".

*continued on page 9*

## HYDROLOGY/HYDRAULICS/ENVIRONMENTAL SOFTWARE COMPLETE LIBRARIES OF COMPUTER SOFTWARE

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## President's Message *continued*

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The Job Fair and Scholarship Night in Los Angeles, hosted by the L.A. Section YMF, enjoyed an overwhelming turnout. There were more businesses on hand and recruiting than I have ever seen, and plenty of students were also there looking for jobs. This may be a sign of good times and of the civil engineering profession coming back stronger than ever. Let's hope so—as there is so much for us to do to try and get our infrastructure back to the levels of service our communities, state and nation deserve. By the way, there was plenty of scholarship money flying around that night, and I personally want to congratulate all of the deserving recipients. The keynote speaker that evening updated and educated us on last winter's tsunami in Southeast Asia. A very enlightening discussion.

An Orange County note: Last April, David and Thomas Michon, students at Northwood High School in Irvine, finished first in the Final Round of the West Point Bridge Design Contest, whose primary sponsor is ASCE. Students age 13 through grade 12 are eligible for prizes, and the two brothers each received a trophy and a \$10,000 scholarship. Perhaps they'll be joining our ranks one day as civil engineers!

**Finances:** I am very pleased to inform you that because of careful planning over the last several years, and an increase in Section dues-paying members, the Section, Branches, YMF and Student Chapters are financially sound and should remain so in the future. To insure this, we need to continue increasing the number of Section paying members. So please do your part, keep paying your Section dues, and encourage others to do so.

**Newsletter:** There has been concern during the past year about on-time delivery, or lack thereof, of the monthly newsletter. I believe our newsletter staff (Chris Liban, Editor, and Russell Ryan, Business Manager) has solved this problem, and has started to develop a long-term solution.

**Reminder:** On October 27, 28 and 29, 2005, the **ASCE National Conference** will be in town. The brochure outlining events and schedule will be out soon. The committee has really streamlined the conference this year to enhance its educational value to members. The streamlining also allows a reduced price, all the more reason for all of you to attend. Plan now, let your boss know you will be taking some time off around these dates, and make your reservations ASAP. I look forward to seeing all of the Los Angeles Section Members and students at this exciting event.

**In closing,** I want to thank everyone who helped make my job this past year so easy and enjoyable, and those who sent me e-mails and thanked me for these articles. Congratulations to Rich Haller, our new President—the Los Angeles Section will be in very good hands over the next year. Thanks to my wife, Kathy, for editing these articles, and to my new employer, Bob Pack, President and CEO of Stonefield Development, for allowing me the time to serve the L.A. Section of ASCE.

Thank you, the Members, for allowing me to be part of your professional lives via ASCE this past year, and I look forward to continuing our association in the future.

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## ANNOUNCEMENTS

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### Younger Member Forum (YMF)

**Everyone is welcome to attend our upcoming events!!**

SB/RC YMF Board Meeting, 9/5/05, TBD, CA  
LA YMF Board Meeting, 9/13/05, Alhambra, CA  
OC YMF Board Meeting, 9/20/05, Irvine, CA  
LA YMF Speaker Series, 9/27/05, TBD  
SB/RC YMF Speaker Series, TBD

Contact Greg Sommer at [gsommer@ladpw.org](mailto:gsommer@ladpw.org) to be added to the Younger Member e-mail distribution list and receive announcement on all upcoming YMF events, tours, and other activities.

**Please visit our websites:**

LA YMF - <http://www.asce-laymf.org/>

OC YMF - [http://www.ascelasection.org/ymf\\_main.cfm?ID=9](http://www.ascelasection.org/ymf_main.cfm?ID=9)

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- PE Engineering License Manuals

**For further information:** [www.irvine-institute.org](http://www.irvine-institute.org) or [www.cpeinst.com](http://www.cpeinst.com)

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## A Great Idea From the Life Members

The ASCE Life Members' Public Image Committee request that members take their (to be discarded) Civil Engineering magazines to their doctor's office or barber shop and merge them with the stack of magazines. We feel that this will be an effective way to make the general public more aware of what civil engineers do.

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**ASCE** American Society  
of Civil Engineers

**Orange County Branch  
ASCE Seminar  
Sewer Design and Construction  
Friday, September 23, 2005  
8 AM to 12 PM**

**Presenters:**

**Michael Hoolihan, P.E.**

IRWD

Principal Engineer

**Mike Swan, P.E.**

Psomas

Team Leader, Water Resources

**Barry Safa, P.E.**

Psomas

Senior Construction Manager

**When: Friday, September 23, 2005**

**Time: 8 A.M. to 12 P.M.**

**Save the Date!**

**Where: Irvine Ranch Water District  
15600 Sand Canyon, Irvine  
Multipurpose Room**

**Cost:**

- \$100.00 per person with paid reservations by Friday, September 16, 2005
- \$110.00 after September 16, 2005
- \$20 for full-time students

***Get your reservations in early!  
SPACE IS LIMITED!***

The proceeds of the seminar will support ASCE Student Chapter at CSULB, CSUF, and UCI, and to Student Scholarships

**This 4-hour seminar will cover:**

- Sewer generation calculations/modeling
- IRWD design criteria
- Preparing plan and profile
- Brief introduction to sewer special facilities, including lift station, siphon and others
- Sewer Construction, material and methods
- Inspection and testing
- Common pitfalls

***Sewer Design and Construction  
September 23, 2005***

**Make checks payable to ASCE, Orange County**

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**Psomas**

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Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Title: \_\_\_\_\_ Years of Experience: \_\_\_\_\_

Type of Work you do? \_\_\_\_\_

## Calling for Honorary Membership Nominations

An Honorary Member is a person who has attained acknowledged eminence in some branch of engineering or in the arts and sciences related thereto, including the fields of engineering education and construction. Nominations for the Class of 2006, are now being accepted by the Honors and Awards Program office. Please submit six copies of each nomination by the Oct. 1 deadline.

### A nomination package must consist of the following elements:

- A Nomination for Honorary Membership form, signed by the nominator. The nominator is the chair, president or other defined leader of a Society organizational entity. Organizational entities are defined in the Constitution as Committees, Institutes, Academies, Geographic Units, Foundations, Affiliated Societies and other Society units defined by the Board in the By-Laws.
- Six copies of a one-page summarized biography.
- Six copies of the nominee's complete biography.
- Six copies of a 200-word rationale statement and a brief citation. The rationale must explain why your nominee is eminent in the field of civil engineering.
- Six copies of at least six (not more than ten) letters of endorsement from individuals with personal knowledge of the nominee's superiority in position, character and achievement. One letter must be from the nominator.

Nomination packages should be limited to ten 8" x 11" pages (excluding letters of endorsement). For information about the selection process and a link to the nomination form, visit: [http://www.asce.org/pressroom/honors/honors\\_details.cfm?hdid=2](http://www.asce.org/pressroom/honors/honors_details.cfm?hdid=2) or contact Jane Moran Alspach, Senior Manager, Honors and Awards at (800) 548-ASCE ext 6382.

## ASCE National Seeking Nominations for Prestigious OPAL Awards

ASCE is seeking nominations for its 2006 Outstanding Projects and Leaders (OPAL) Award and 2006 Outstanding Civil Engineering Achievement (OCEA) Award. The nomination deadlines are November 15 for the OPAL awards and November 30 for the OCEA award. Entry forms and complete details on the nomination process and award criteria are available at: <http://www.asce.org/opal/index.cfm>.

The awards will be presented at the seventh annual Outstanding Projects and Leaders (OPAL) Awards gala on April 26, 2006 at the Ronald Reagan Building and International Trade Center in Washington, D.C.

The OPAL Awards honor individual leaders for outstanding lifetime achievement and lifelong contributions in five categories—public works, construction, management, design and education. The Outstanding Civil Engineering Achievement (OCEA) Award recognizes projects on the basis of their contribution to the well-being of people and communities, resourcefulness in planning and design challenges and innovations in materials and techniques.

In 1999, OPAL awards were established to recognize five outstanding civil engineering leaders whose lifetime achievements have made significant differences in: civil engineering design; public works civil engineering; construction of civil engineering projects and/or programs; civil engineering education; and management skills in his/her professional career. OPAL Awards nomination entries must be received by 5:00 p.m. on November 15.

Established in 1960, the OCEA award honors the project that best illustrates superior civil engineering skills and represents a significant contribution to civil engineering progress and society. Honoring an overall project rather than an individual, the award recognizes the contributions of many engineers. OCEA Awards nomination entries must be received by 5:00 p.m. on November 30.

# AMERICAN SOCIETY OF CIVIL ENGINEERS

FROM PLANS TO COMPLETION - THE WAY FORWARD

LOS ANGELES,  
CALIFORNIA

2005

OCTOBER 27-29, WILSHIRE GRAND HOTEL

THE AMERICAN SOCIETY OF CIVIL ENGINEERING presents a trailblazing conference for civil engineering professionals.

From October 27-29, ASCE will deliver a program designed to expose engineering professionals to taking their vision from concept to construction.

While all engineers must possess sophisticated technical skills to practice in today's marketplace, we also need boardroom skills so our vision can become reality. Have you ever felt that the full intent of your work does not translate into the final reality of the finished project?

ASCE is committed to your professional success. We understand that you must be able to advance your vision so all stakeholders can embrace your projects with enthusiasm. How can you successfully satisfy the interests of city hall, the public and government? You will learn how.

Join us from October 27-29 to exchange information with those who have led successful projects as they highlight their experiences on major infrastructure work. You will learn techniques you can use to ensure that your vision is shared by all - and your work becomes reality.

After all, isn't that the whole point?

Log on to [www.asce.org/conferences/annual05](http://www.asce.org/conferences/annual05) to learn more about this unique and exciting program.

We are looking forward to welcoming you to this innovative event.

*The L.A. Conference Steering Committee: Robert Bein, P.E., L.S., F.ASCE, Chair, Carl Blum, P.E., F.ASCE, Norman Buehring, P.E., F.ASCE, Charles Rendall, P.E., F.ASCE, and Paul Taylor, P.E., M.ASCE*



VISION

MOTIVATION

LEADERSHIP

NEXT GENERATION INFRASTRUCTURE:  
PROJECTS THAT CREATE THE FUTURE!

[www.asce.org/conferences/annual05](http://www.asce.org/conferences/annual05)

**ASCE**  
American Society of Civil Engineers

AMERICAN SOCIETY OF CIVIL ENGINEERS 1801 Alexander Bell Drive, Reston, VA 20191-4400



# ASCE is coming to the Wilshire Grand in downtown Los Angeles in 2005!!

*continued from page 4*

During the second General Session, the "Visionary Leaders Forum", will be moderated by Lieutenant General Hank Hatch, P.E., F.ASCE, US Army (ret.), Chair ASCE International Activities Committee, and will include the following participants: Virginia Grebbien, P.E., General Manager, Orange County Water District; Lester Snow, Director,

California Department of Water Resources; Todd Kenner, P.E., President, PBS&J; Sunni McPeak, California State Secretary of Business/Transportation and Housing; and an executive from one of the major shipping lines.

Friday afternoon will be broken into three Forums, (1) Transportation Forum, (2) Water Forum and (3) Students Forum. You can choose a forum based on your interest. The first Part of the discussions will focus on the leadership involved in the planning, selling, funding, managing, and delivering leading edge projects of the future. The second Part will focus on project delivery. The Student Forum will focus on issues that students will be facing as they move from the classroom into the professional world.

The following is a summary of the topics and guest speakers:

## **Forums Part 1**

- **Transportation Forum:** Gill Hicks, Principal of GVH Consulting – Goods Movement and the Need for Enhanced Infrastructure; Hassan Ikhata, Director of Planning and Policy for SCAG – Forecasting Needs for New Infrastructure; Steve Pickrell, P.E., Senior Vice President of Cambridge Systematics – Economics and Financing in New Infrastructure; Kerry Cartwright, P.E. Manager of Transportation Planning for the Port of Long Beach – The Port of Long Beach Long-range Plans
- **Water Forum:** Joe Grindstaff, Chief Deputy Director, California Department of Water Resources – Implementing the California Water Plan, which requires bold leadership from the civil engineering community; Dennis Underwood, CEO, Metropolitan Water District (MWD) of Southern California – The Future of MWD; Daniel Cozad, General Manager, Santa Ana Watershed Project Authority – 'Outside the Box Thinking' for Infrastructure Planning of the Future; Gary Moore, P.E., City Engineer for the City of Los Angeles – Proposition 'O' and the City of Los Angeles success with a bond measure to clean-up polluted storm water and bacteria from the City's local waters
- **Student Forum: Panel Discussion – "Leadership Throughout Your Career"**

## **Forums Part 2**

- **Transportation Forum:** Tony Gioiello, Chief Engineer, Port of Los Angeles – The Port of Los Angeles Infrastructure Development; Rick Richmond, Chief Executive Officer of the Alameda Corridor-East Construction Authority, and Art Goodwin, PE, Chief Engineer for the Alameda Corridor Transportation Authority – Extending Goods Movement Infrastructure from the Ports to the Entire Nation; Sumi Gant, Traffic Engineer for the City of Long Beach – How A Major Port City is Dealing with the Dramatic Increase in Goods Movement
- **Water Forum:** Norris Brandt, P.E., Irvine Ranch Water District – San Diego Creek Watershed Natural Treatment System; Craig Perkins, P.E., City of Santa Monica Urban Runoff Recycling Facility (SMURRF) – SMURRF, one of the finest examples of the future of dealing with polluted storm water and urban runoff; Michael Drennan, P.E., Brown and Caldwell Sun Valley Watershed – Innovative Flood Control Plan for Sun Valley; Ron Wildermuth, Orange County Water District – The Importance of Public Relations In Major Civil Engineering Infrastructure Projects.
- **Student Forum: "Ethics in Leadership" and "Student Leadership for Success"**

## **Saturday, October 29 – ASCE Business Meeting and All Day Tours**

In the morning, we'll be having the Annual Meeting, which will consist of the ASCE Executive Director's Report on ASCE, the 'changing of the guard' as ASCE's new president accepts the gavel and provides his inaugural speech, and new District Directors are inducted.

Saturday afternoon we will be touring significant projects throughout Los Angeles and Orange County. You can choose your tour based on your interests!! Tours will depart from the Wilshire Grand Hotel. Lunch will be provided on all tours.

### **Transportation Tour**

- Stop 1: Port of Los Angeles terminal development
- Stop 2: Port of Long Beach Ocean Blvd interchange; advance transportation management and information systems
- Stop 3: Alameda Corridor, a 20-mile grade-separated railroad express line

### **Water Tour**

Choose one of two water tours to see water supply projects in Los Angeles or Orange Counties.

- Tour 1: City of Los Angeles' Owens Valley Water Supply at the City of Los Angeles Filtration Plant; City of Long Beach Desalination Plant.; Sun Valley Watershed Management Plan project sites
- Tour 2: Orange County's Water Recycling Projects wetlands restoration along the Santa Ana River; City of Irvine, and Orange County's groundwater replenishment system; Southern California Integrated Watershed Program (SCIWP)

### **ADDITIONAL PROGRAMS – SEPARATE TICKET REQUIRED**

**Friday, October 28, 2005 (7:00 PM – 10:00 PM)**

Gala Banquet with Honorary Member Program

**Saturday, October 29, 2005 (7:00 AM – 8:00 AM)**

Awards Breakfast & Presentation and Order of the Engineer Ceremony

### **COMMUNITY OUTREACH - LET'S MAKE A DIFFERENCE IN LOS ANGELES!**

**Sunday, October 30, 2005 (7:30 AM – 5:00 PM)**

The ASCE Committee on Volunteer Community Service and Rebuilding Together®, an organization devoted to revitalizing houses for low-income homeowners, invite all ASCE members to spend a day of community service while attending this year's annual conference.

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## **ASCE's 2005 Member-Get-A-Member Drive Depends on You!**

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## CALIFORNIA GEOTECHNICAL ENGINEERS ASSOCIATION

### SOUTHERN CALIFORNIA REGIONAL MEETING

Wednesday, October 12, 2005

Continuing its tradition of offering a forum for sharing practical experience to Professionals in the Geotechnical industry, the California Geotechnical Engineers Association (CGEA) will be presenting its Regional Dinner Meeting on October 12th at the Embassy Suites in Santa Ana. Our evening will include the following:

**5:30 p.m.** - Social Hour

**6:30 p.m.** - Dinner

**7:30 p.m.** - Program

**Program:** Structural and Geotechnical Considerations of the New 3<sup>rd</sup> Edition of Design of Post-Tensioned Slabs-on-Ground by the Post-Tensioning Institute (PTI)

**Presented by:** Ken Bondy, consulting structural engineer

Tim Lawson, consulting geotechnical engineer

In late 2004, the PTI published the 3<sup>rd</sup> Edition of "Design of Post-Tensioned Slabs-on-Ground", a widely used document for the design of shallow residential foundations on expansive soils. Mr. Bondy will discuss the structural design portions of the document with a particular focus on the changes in the structural design procedure between the 2<sup>nd</sup> and 3<sup>rd</sup> Editions, while Mr. Lawson will discuss the geotechnical design portions.

**Location:** Embassy Suites  
1325 E. Dyer Road  
Santa Ana, CA 92705

**Time:** 5:30 – 9:00 p.m.  
(dinner provided)

**Cost:** \$40 CGEA Members ~ \$65 Non-Members

**Advance Reservations Due September 26, 2005**

**Contact:** o. 530.344.0644 f. 530.344.0834

e-mail: [cgea@comcast.net](mailto:cgea@comcast.net)

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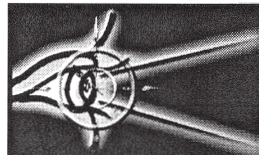
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