ASCE SUPPORTS EWB

Our November 20th dinner meeting was an excellent success with many thanks to our Sponsors, Board Members, Committee Members, Past President’s, History and Heritage Committee, Younger Member Forum, general membership attendees and all of the 90 Students from our supported universities. The turnout of our students and your support of them exceeded our expectations furthering our bond with the future of our profession. The evening was one that I will remember throughout my career as an outstanding example of team work, leadership and volunteer efforts at their best. Thanks, again, to Darren Adrian, Past President, for his leadership during this past year. Our keynote speaker, Mr. Blaine Leonard, ASCE President-Elect, provided a great program on the importance of Civil Engineering to our country and society and the vast amount of work ahead of us. He provided an important and inspiring message and is also thanked for taking the time to visit with us.

In my previous article, I informed you that I would be attending the ASCE Annual Conference from November 6-8, 2008, in Pittsburgh, Pennsylvania. I had some doubts about the venue knowing a bit about the history of the “dirty” industries in the region, most notably the steel industry. It’s 4:00 am and I wonder, for a moment, why my alarm is disturbing my sleep, time to start my day and be up and off to the airport to catch my 6:45 am flight to Pittsburgh. The 138th annual ASCE conference awaits me. I am excited to be representing our Branch and to be joining other members of our Los Angeles Section in this learning experience. I have left California so early on a Thursday morning in an effort to arrive in time for the opening session set to begin at 4:00 pm that day. Travelling eastbound makes this a difficult task if one is not to arrive the day ahead. Nevertheless, my plan is in motion, my flights were on time, my rental car ready, my directions good and, on a beautiful, clear sky and 70ºF day, I arrived in time to hear the keynote speaker.

I found out quickly that Pittsburgh is a City in renewal and reinvestment. It was clean, friendly and vibrant. But for the winter weather challenges it faces every year, it gave a very favorable impression. Nearby are the well known universities of Carnegie-Mellon and University of Pittsburgh, a terrific art museum, natural history museum and Carnegie Hall for music performances. Pittsburgh is quite hilly and split by rivers resulting in more bridges than you can count. During a brief walk of the area, I crossed the Ninth Street Bridge, steel, of course, built in 1927. There were no fewer than seven other bridges in my view in the immediate vicinity. Pittsburgh seems to have shaken off its economic problems of the 1970’s and 1980’s and has converted their employment base to clean industries and corporate campuses. The City population is half of its once size of 600,000 but is growing again. If you have a chance to visit this historic City, I encourage you to do so.

The keynote speaker at the opening session of the Conference was Mr. Jason Jennings. He is an author of several business management books and spends much of his time researching companies that are
Happy
Holidays
from all of us at
ASCE

PRESIDENT’S MESSAGE

continued from page 1

successful in what they do. His latest book, Think Big, Act Small, is on my desk and was the topic of his presentation. During much of his talk, he spoke of the value of stewardship. His thoughts on how to grow a successful business using stewardship is applicable to individuals for personal growth as well as our Civil Engineering profession and businesses. Some of his key points were that in order for a leader to improve a business, he/she must seek to provide a service over a short term self-interest, share information at all levels of the organization, be accessible at all times, keep your hands dirty (be in the business everyday), stand for something, remove superficial distractions, be driven to improve all of the time, be a coach and mentor and be ready to let go of old ideas that cripple business improvement. His research is compelling and his book a good read. More information can be found at www.jason-jennings.com.

Overall, the 138th Annual Civil Engineering Conference was a great opportunity to network with fellow professionals and to learn the latest about ASCE and Civil Engineering. On Saturday, I attended the President’s and Governor’s forum and we heard from President Wayne Klotz about his initiatives for the coming year and also from a variety of ASCE staff members about this organization. I will bring this information forward in future articles.

ASCE as an organization is a source of inspiration on how we all can make this world a better place. In 2007, ASCE entered into an Affiliation Agreement with Engineers Without Borders – USA (EWB) in order to provide long-term support for their mission, to strengthen the engineering profession, and to provide new opportunities for ASCE members to make a difference around the world. EWB was established in 2002 as a non-profit humanitarian organization to work with developing communities worldwide to improve the quality of life of all people. Many ASCE members are also EWB members and we can partner to use our education, training and experience to help solve infrastructure deficits in areas of this country and the world that need our help. In fact, our very own Gary Gilbert, former chair of the Legislative Committee, is the Vice President of External Affairs for EWB-OC and the ASCE Orange County Branch Liaison to the Orange County Chapter of EWB.

As a non-profit organization, EWB needs our assistance to succeed. You will note in your membership renewal that there is an opportunity to join EWB through ASCE. And, to show the support of your Branch for EWB, our December lunch meeting will focus upon EWB. We will be making a charitable donation from proceeds of this lunch meeting to EWB. The attendance fee for this meeting has been raised slightly for the specific purpose of providing a donation to EWB. Your Branch will match all donations made and thereby double the contribution to this worthy cause. Please plan to attend this event.

As we enter the holiday season and will soon be in a new year, on behalf of your Board, I wish you happy and healthy holidays and a great new year!
SECRETARY’S COLUMN

INFORMATION OVERLOAD: PART II

So last month I wrote about how our profession tends to generate a lot of what I will call “noise”. There is a lot of noise, but you have to get through the noise to the meat of what is important and applicable to you. Over the last month I have kept every piece of mail that ASCE has sent to me. I wasn’t surprised. As you can see in the photo there is quite a bit of info that gets mailed out to us. I hadn’t really thought about looking into requesting that info NOT be sent to me. The continuing education flyers are obviously the biggest chunk of the mailings, so I decided to look into getting those cut back. I believe I get emails with the same info anyways, so it kind of seemed repetitive. Turns out there is a very simple setting you can change when you login. You have five choices in your options. To get there you need to login to your account at www.asce.org and go to “My Profile” and then “Preferences” at the bottom. Then the trick is to click “Other” There you can let them know your preferences for insurance product mailings, new products and services mailings and continuing education mailings. What I did was chose to not get all the continuing education flyers mailed to me, but instead I am going to check http://www.asce.org/conted/seminars/twice per year – which is much easier than getting all those mailings. At the above website you can pull up a Fall and Winter catalog which covers you for half the year. The main thing I am looking for with continuing education is first the location and second the topic. Rarely do they have seminars in Los Angeles or Orange County and I most likely won’t travel outside of California to attend one. Occasionally there is one in San Diego or San Francisco that could be possibilities depending on the topic. I believe I have seen ONE in Orange County in the last 7 years. So you just check out the catalog twice per year and you’re set. I chose to get the new products and services via email.

While you are checking the website for continuing education you also might want to check out the following very useful pages:

Mentoring - www.asce.org/mentoring
Careers - www.asce.org/careers
Salary Survey - www.asce.org/salaries
Engineers Without Borders - www.asce.org/ewb
Local Connection - www.asce.org/local
Members Only Information - www.asce.org/membersonly
Younger Member Forum www.sce.org/youngermember

Finally, I recently signed up for the ASCE Smartbrief daily newsletter. It highlights articles in major newspapers about Civil Engineering projects around the country. You can sign up for them at http://www.smartbrief.com/news/asce. Try that one out for a few weeks. I have found some great interesting articles from that short daily email. Hopefully I have helped you find a couple ways to simplify your life and help deal with a little of the information overload you might be experiencing. Once again you can find me on Twitter at www.twitter.com/joshnelson or link to my Facebook page from the blog at http://asceoc.blogspot.com.
CALENDAR OF EVENTS

AMERICAN SOCIETY OF CIVIL ENGINEERS
Orange County Branch of the LA Section

<table>
<thead>
<tr>
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<th>TIME</th>
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<tr>
<td>4</td>
<td>Hydraulics and Hydrology</td>
<td>11:50AM</td>
<td>Dave and Busters at Irvine Spectrum, Irvine, CA</td>
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<td>Hilton Hotel, Costa Mesa, CA</td>
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<td>13</td>
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<td>Hilton Hotel, Costa Mesa, CA</td>
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<td>27</td>
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<td>February-09</td>
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<tr>
<td>5-8</td>
<td>YMF Mammoth Ski Trip</td>
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LETTERS TO THE EDITOR

Any thoughts or comments about the newsletter?
Please email, phone or fax to:
Josh Nelson, PE
Secretary, ASCE OC Branch ocsasesecretary@gmail.com
626.333.0336 or Fax: 626.336.7076

New Advertising Rates
(Effective January 2009):

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PE Review Course

RBF Consulting will present the Professional Engineering License Review Course for 2009.
This educational experience prepares applicants for the 2009 Civil Engineering License Examination.
The training is centrally located in Irvine and takes place on 13 consecutive Saturdays from January 10 - April 11, 2009.
The course fee of $1500 includes textbooks, practical exercises and over 100 hours of instruction.
Limited space is available.

For more information or to apply please visit our website www.rbf.com/Outreach/PE_Review.asp or please contact Lori Schneider at lschneider@rbf.com or (949) 330-4138.
NOVEMBER HISTORY & HERITAGE, STUDENT’S FELLOWSHIP NIGHT AND INSTALLATION OF OFFICERS

The Orange County Branch of ASCE held its annual History and Heritage, Student’s Fellowship Night and Board Installation on November 20th, 2008. We had almost 200 people in attendance and were honored to have ASCE Society President-Elect Blaine Leonard give us our keynote speech. Mr. Leonard challenged us to look to the future of Civil Engineering in the year 2025. He showed us how far this country has come in the last 100 years and how quickly we have advanced. None of this would have been possible without Civil Engineers. He quotes Lewis Thomas (former head of Yale Medical School) who said “…The greatest advances in improving human health were the development of clean drinking water and sewage systems. So, we owe our health as much to civil engineering as we do biology.” He said we need to prepare for the future by proactively creating and shaping our future-collectively, by taking part in lifelong education opportunities, through innovation, and by taking part in public policy. He challenged us to read the ASCE “Vision 2025” document (found on the www.asce.org website), to review the Roadmap-Destination 2025 document, to identify 2 or 3 areas where you can be proactive and involved, and to identify a personal skill or attribute that you can improve.

We held an Order of the Engineer ceremony hosted by our Region 9 Governor Shahnawaz Ahmad.

Thank you to all our sponsors and past presidents for attending. I believe we had one of the largest turnouts of past presidents ever. Thanks goes to Fred Meier for pulling that together. Here is a list of all the sponsors that participated:

Silver: Kimley-Horn and Associates, Bureau Veritas North America, RBF Consulting, Jacobs, OC Public Works

2008-2009 Board of Directors with Section and Society Presidents

Pictured from left to right: Don Sepulveda, Los Angeles Section President; Joshua Nelson, Branch Secretary; Ziad Mazboudi, Branch Treasurer; Kathereen Shinkai, Branch Vice President; Ken Rosenfield, Branch President; Darren Adrian, Branch Past-President; Blaine Leonard, Society President-Elect

2008 Past President’s Photo
BRANCH NEWS

ASCE Younger Member Forum
Orange County Branch
November 20, 2008

ASCE Student Chapter
California State University, Fullerton
November 20, 2008

ASCE Student Chapter
California State University, Long Beach
November 20, 2008

ASCE Student Chapter
University of California, Irvine
November 20, 2008
ENG GREEN BUILDING TOUR
ENC Field Trip
by Sam Ali, PE, LEED AP
Chairman of Sustainability Committee

The Sustainability Committee of the ASCE Orange County Chapter organized a field trip to the Environmental Nature Center (ENC) on Oct 18 for ASCE YMF group and civil engineering students at local universities. This is the first Platinum LEED Certified project in Orange County.

Environmental Nature Center (ENC) Executive Director Bo Glover gave a tour of the ENC’s new “Green Building.” The tour began with a short presentation describing the green building techniques that went into development of the project and reasons behind the incorporation of each green feature. The attendee learned about ways to make homes and businesses more energy efficient and how to incorporate renewable energy.

The attendee were also treated to a “behind the scenes” tour of both the inside and outside of the building to see the sustainable features and materials. The project includes hiking trail with native trees and shrubs, man made creek, butterfly house and nature interpretive area. The following are some of the green features used on this project:

- Natural ventilation system (no HVAC in this building)
- Bio-filter swales for stormwater treatment including roof drains
- Light concrete pavement to reduce heat island affect.
- Natural day lighting
- Renewable and recycled construction material used indoor and outdoor.
- Green educational section for students and other visitors
- Chemical free indoor material to create indoor healthy environment
- Water efficient fixture used for bath rooms and drip irrigation

The ENC is open for all visitors. Check their website for future resentations and other activities.

www.encenter.org

ASCE MENTORING PROGRAM

ASCE MENTORING PROGRAM TO BEGIN IN ORANGE COUNTY

The San Bernardino-Riverside ASCE Branch, which started the only Mentorship Committee in all of ASCE on September 20, 2007, reports that two protégés who recently moved to Orange County from the San Bernardino area may soon be part of the first official ASCE mentoring conducted in the Orange County area. Neil Nilchian, PE, Chairman of the Mentorship Committee program for the San Bernardino-Riverside Branch, stated “It is a very worthy program which deserves a chance to be tested, at least as a Pilot Program. ASCE members should take this opportunity to give back to the profession and make a difference for our younger members in many positive ways, especially during the current economic downturn when it is hard for our younger members to begin or maintain a steady professional career.” Orange County members who are interested in participating as mentors or protégés can contact Neil at nnilchia@rctlma.org.
Construction of the Colorado River Bridge – a 1,060 foot twin-rib concrete arch bridge that provides a bypass road downstream of the Hoover Dam. Currently every single vehicle that wants to cross the river there has to use the Hoover Dam so every vehicle is inspected for security reasons. This bypass will eliminate the bottleneck caused by the security check point. The scale of this project is overwhelming. More info can be found at http://www.hooverdambypass.org/

Do you have any Civil Engineering related photos from your travels around the world that you found interesting? If you would like to share them with us for a future newsletter, please email them to ocascesecretary@gmail.com.

For any of you land surveyors out there, I know you notice survey benchmarks, monuments, and markers when you travel. If any of you have photos of them, I would like to put them in a future newsletter.
STUDENT GROUP NEWS

STUDENTS OUTNUMBER YMF: A LOT TO 9
by Marie Trinh, Chairperson Student Groups

On Saturday, November 1, Mother Nature was on our side as the OC Branch Student Activities Committee hosted a Kickoff BBQ at Garden Grove Park. It had rained in the morning, so we were hoping it wouldn’t rain on our afternoon parade, and it didn’t! Our goal to jumpstart the new school year by giving students a chance to network with YMF members early in the year went off without a hitch. Well, almost.

Students from UCI, CSULB, CSULA, and Cal Poly Pomona were in attendance on what turned out to be a beautiful day. The sun started to emerge from the clouds, and the pack started to arrive, ready to eat. Only problem was that there was no grill! Minor detail, right? While we waited for the grill, we had to kill some time, so why not play a game of softball since it was a BBQ/Softball event? The field was reserved and players brought their balls and gloves, so what were we missing? We had no bat! What we were hoping to be the first annual Kickoff BBQ for our Student Groups didn’t seem to be going as planned. Luckily, a student brought a football, so we selected captains, chose teams, and began a friendly game of touch football. Finally, during half-time, thanks to OC YMF President and Past President, Josue Vaglienty and Mario Lomeli, respectively, the grill arrived and everyone ate.
Even though we got off to a rocky start and never finished our game, our BBQ/Softball-Turned-Football event was a huge success!

Transportation Engineering/Public Works Project Managers – Irvine & Ontario, CA

RBF Consulting is seeking two Project Managers to lead a team of engineers and design staff in the development of technical transportation design work associated with Caltrans freeway, highway and local roadway improvement projects. Position requires a BSCE, PE, and 7+ years of progressively responsible experience in the design and management of transportation/public works projects. A strong background in AutoCAD and/or Microstation is essential.

Bridge Design Project Engineer - Irvine, CA

RBF has an additional need for an experienced Project Engineer to work on newly awarded state highway design projects. Requirements include 5+ years of experience, a career focus in bridge design and experience in bridge project development - initial studies (APS) to final PS&E for Caltrans reviewed projects. Position requires California PE and proficiency in preparation of design calculations, quantities, estimates and specifications.

RBF offers excellent compensation and benefits packages.

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Save the Date:
February 24, 2009!
TOPIC: Engineers Without Borders

SPEAKER: Gayla Fecher, PE, Black & Veatch

A new Engineers Without Borders (EWB) chapter has been formed in Orange County. Learn about the mission of EWB-USA to build relations with communities in developing nations. Hear about the experiences from projects in Honduras, how the Orange County Chapter is planning to help communities in El Salvador and Kenya, and how you can get involved in both local and overseas projects.

Since graduating from UMIST in Manchester, England with a Masters (MEng) degree in Chemical Engineering with French, Gayla Fecher has been working as a Water Process and Civil Design Engineer for Black & Veatch. Her projects have been focused within the water engineering industry for nearly 6.5 years, having been located in the UK, Los Angeles, Sacramento, and now Irvine offices. Gayla has been volunteering for undeveloped communities since 2001 through Africa-Asia Venture (in Malawi), Water for People, and EWB. She is currently serving as the Overseas Projects Coordinator for the EWB-OC chapter, and she continues to be the mentor for an EWB-USC student chapter project in Honduras. Gayla is a licensed Professional Engineer in CA.

!!!PLEASE NOTE THAT THIS LUNCHEON IS A FUNDRAISER FOR ENGINEERS WITHOUT BORDERS. $10 OF YOUR LUNCHEON TICKET WILL GO DIRECTLY TO EWB. THE BRANCH WILL BE MATCHING YOUR $10 DOLLAR FOR DOLLAR!!!

MEETING PLACE: The Costa Mesa Hilton, 3050 Bristol Street, Costa Mesa, CA 92626
TIME: 11:30 a.m. – Social 12:00 p.m. – Lunch 12:30 – 1:10 p.m. – Program
COST: Members $48 prepaid; $50 at the door (with reservations); Non-members and walk-ups $55; Students $30 – ALL TICKETS INCLUDE A $10 DONATION TO ENGINEERS WITHOUT BORDERS
MEAL: Tequila Lime Chicken / Fettuccine Pasta. Vegetarian available upon request.
PARKING: Validated parking for adjoining structure included in luncheon cost.
RESERVATIONS: RSVP by December 12, 2008, at 12 noon Include the names of all persons attending. Your advance reservations, made and honored, are essential to fulfilling our catering commitment. No shows will be billed. You can now pay with credit card via the branch website.
REGISTRATION: You can register (and pre-pay for lunch) by accessing the website at www.asceoc.org. Registration can also be by emailing your name, company name and membership status (member, non-member, or student) to gstewart@associationplanet.com or by fax at 714-258-8391, or by phone at 714-258-8306 or by mail:

ASCE Orange County Branch
1405 Warner Avenue Tustin, CA 92780

Display Booth Space is available for this event at cost of $100. For space bookings please call 714-258-8306 or Email: gstewart@associationplanet.com
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NO LIABILITY FOR ONE LUCKY ENGINEER
Written by Eugene Bass, Esq.

The owners of an auto dealership hired a contractor for the construction of a facility that included two keystone retaining walls. The contractor hired a sub-contractor who, in turn, hired another firm to do the engineering design of the walls. The engineer did no construction work but provided design services and calculations, signed and stamped and also inspected and approved the completed walls.

A portion of the retaining wall failed and a lawsuit resulted in which the owner and general contractor both claimed substantial damages.

After an extensive legal analysis, both the trial court and appellate court concluded that under the circumstances of the case, the engineer did not owe a duty of care to either the owner or the contractor and hence, could be liable for damages caused by negligence as to those parties. The facts of the case were very specific and cannot be relied upon for the proposition that an engineer can only be liable to the party with whom it contracts. That is not the law. An engineer can be liable to a party with whom it does not have a contract. The determination of liability, however, involves a careful analysis of several factors that have been derived from case law and produces a very limited, case specific, result.

Among the factors considered by the court, it was noted that the owner and contractor failed to show how and the extent to which their damages were caused by the alleged design defects of the engineer. In addition, there was no showing that the design was followed without alteration.

While the case did not demonstrate any clear facts to guide an engineer in the avoidance of liability, it did point out certain contractual provisions that could have been used to more clearly define responsibility and which could have made outcome of the case much more problematic for the engineer. The owner and contractor could have required that the sub-contractor include a provision in the contract with the engineer where the engineer stated that the owner and contractor would be intended beneficiaries of the design contract. In addition, the court pointed out that the engineer’s contract could have contained a provision naming the owner and contractor as additional insureds on their professional liability insurance policies. The case reinforced the concept that contracts are important in defining the extent of duties and responsibilities in a contractual relationship and should be carefully drafted and reviewed to reasonably protect the engineer.

This article is intended to provide general information regarding legal issues. It is not to be relied upon as specific legal advice or in place of the need to seek competent legal advice on specific legal matters. Eugene Bass is an attorney and registered Civil Engineer. He has offices in Redwood City and can be reached at 650-361-1199.
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Friday - MARCH 6, 2009
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Here come the holidays, which means you will most likely go to parties with relatives and friends whom you see once a year. Here are three unusual strategies that will help you make these events truly memorable for the right reasons.

1) Seek out the grumpy ones.

Grumpy people are grumpy for many reasons, including the rejection others have shown attempting to protect themselves from toxic grumpiness.

But this is that weird time of the year when people talk about odd things like peace, love, and hope. So, be different by practicing these seasonal values.

For example, sit next to a grumpy person. Then ask questions, such as “What’s new?” or “How are you?” Use this as an opportunity to learn about what they’re doing, what they’ve done, and what they’re thinking about.

You may discover important things about your family history, their history, or their reasons for being grumpy. You may even find that they stop being grumpy.

Here is an important warning: you will most likely hear grumpy remarks (at least at first). After all, this is a grumpy person. So, just listen. Show interest. Be impressed (if appropriate). Join them in being sad, serious, or skeptical. Do not attempt to fix, change, or teach anything because unsolicited responses like these can make even a happy person feel grumpy.

2) Be the host.

This is especially useful if you are attending someone else’s party.

Greet everyone warmly. Praise people for everything and anything. Introduce people to each other. Spend time with everyone. Help the actual host with party tasks, such as serving or cleaning up. In fact, be the ultimate gracious host.

Of course, be appropriate. The point here is to be a positive force of holiday goodness, not a superior example.

Your intent is to bring warmth, happiness, and friendship to the party, as if it were your own. Imagine, for example, how wonderful a party would be if everyone did this.

3) Learn something.

Everyone knows something useful. And your best teachers are those who have more than you do.

So ask them to tell you about how they achieved their success. For example, ask the fellow with the new car how he earned the promotion.

Or ask the woman with the stunning jewelry how she started her business.

You might also find unexpected wisdom in the younger people. For example, that teenager with the green hair who works at a funky clothing store might be able to provide valuable ideas on retail, marketing, and sales. Or that quiet kid with the iPod might be able to tell you what’s happening in software design, web technologies, and next generation hardware.

View every party as a scavenger hunt for learning. The people in the room carry a fortune in experience with them. And they will be delighted to tell (brag sometimes) about what they know.

Now, here are important considerations when applying these strategies.

First, you don’t have to agree with the ideas, history, news, interpretations, “facts,” or anything that people say. But you do have to agree with how they feel.

So, you might find yourself saying things like:

“You must feel hurt by that.”

“You must feel angry that this happened.”

“Wow! You must be proud of that.” And so on.

Second, realize that your job is to find a way to like others -- and not to make others like you.

And yet, if you show interest, acceptance, and compassion for others, you find that they think you’re the most wonderful person at the party.

For example, the grumpy person who told you about cancer will think you’re the only decent person on earth.

The successful executive who told you about a complex marketing strategy will think you’re a genius.

The kid who told you about a new software architecture will think you’re the perfect adult.

And that’s what makes a party memorable.

Bonus Idea: Apply these strategies at home and work all year long to make every day memorable.

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Steve Kaye helps leaders achieve success. He is an IAF Certified Professional Facilitator, author, and speaker. His meeting facilitation and leadership workshops create success for everyone. Call 714-528-1300 for details. Visit http://www.stevekaye.com for a free report.
An emergency Sewer Trunk Line Replacement project was undertaken by the City's Public Works Department to replace approximately 600 feet of failing trunk sewer line located along the easterly property line of City Hall adjacent to the railroad tracks. The determination to replace the failing portions of trunk sewer line was made after viewing recent TV inspection videos and consultation with the City’s sewer maintenance contractor.

Project Description:

The City’s sewer system within the portions identified for emergency replacement was originally constructed in 1964 and conveys a majority of the City’s sewage to the South Orange County Wastewater Authority. The City’s Sewer Master Plan identifies the line as operating over capacity and recommends the said portion of trunk sewer be upsized from an 18 inch diameter to a 21 inch diameter sewer.

Recent sewer inspection videos and data provided to staff by contractor indicated that non-grouted flanges at pipe joint locations had caused the lining to be exposed to sewer gases, which resulted in shredding of the pipe’s inner coating, and the deterioration of concrete at the exposed joints, evident from concrete bubbling and foam-like expansion. In consideration of the current condition of sewer pipe within the portions identified, the amount of conveyed sewage flows, and possible liabilities associated with a sewage spill in close proximity to the San Juan Creek/Trabuco Creek, staff recommended that the said portion of sewer line be replaced immediately.

Given the imminent pipe collapse, the replacement of failing trunk sewer was administered as a “design-build” project. This option posed unique challenges during construction such as the administration of sewer by-pass pumping at two separate locations within private property, staging / reconnection of existing sewer laterals that serviced City Hall facilities, and re-routing of a primary electrical conduit that service City facilities in direct conflict with the construction of sewer replacement, in consideration that all construction work is conducted during regular work hours.

The construction contract was awarded for $432,735.00 in May 2008 and the project was completed in August, 2008.

Contributed by the City’s project manager:  
Khoon Tan, PE
If not, please send your renewal along with $330 to:
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ANNOUNCEMENTS

MEMBERSHIP INFORMATION
Type of Membership and Annual Dues (National)

Student: Free
Associate Member: $50/year of baccalaureate degree and first after, then incremental increases to $205 over five years
Member: $205 annually
Affiliate: $205 annually
Section (Branch) Dues $45/year

(1) National ASCE Student Membership is now FREE! Those who have chapters or clubs still must be a member of them before joining National. To join as a student, log onto www.asce.org/join. To renew as a student go to www.asce.org/renew. Students may also call 1-800-548-ASCE or email member@asce.org.

(2) Online membership renewal available, go to www.asce.org/renewal. You just need your member number, all e-payments must be made with a major credit card. An e-receipt is transmitted to the member upon completion of the transaction.

(3) For non-members, dues for O.C.Branch Newsletter only $45/year.

Please contact Anh Ly, O.C. Branch Membership Chairman at 714-720-4868 or FAX: 714-938-0782 for application forms, change of address and additional information. Or for address changes on-line go to www.asce.org/myprofile. E-Mail for member questions is member@asce.org

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(Effective January 2009)

1) BUSINESS CARD $330/year due in April

2) OTHER ADVERTISEMENTS:
   FULL PAGE $275/issue; 1/2 PAGE $220/issue
   minimum 1/4 PAGE $165.00/issue

3) FULL PAGE STUFFER (Non-commercial)
   Preprinted copies inserted: $220.00
   Printed one face plus insert: $275.00
   Printed two faces plus insert: $440.00

4) FULL SHEET COMMERCIAL ADVERTISEMENT
   (One or two sides) $495.00

(Approximate number of mailings: 1500 per month)

Please send all advertisements (Except Business Card Ads) to the Secretary before the 10th of each month. Advertisements must include pre-payment in order to be included in the newsletter.

Please complete the Advertisement Request form at www.asceoc.org

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ocasesecretary@gmail.com

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