President’s Message

Coming of Age

It is no surprise that the San Bernardino-Riverside Counties Branch has consistently attempted to stay on the forefront of the digital communication age. We have converted our newsletter, meeting calendar and special events distribution to almost strictly electronically based methods. Things that took days or even as long as a week to be distributed three years ago, can be done in mere seconds today at the simple click of a button. Instead of spending hours calling to inform as many members as possible, we can send a mass email to every member in less than a minute. The Branch has made a concerted effort to keep up with the digital information age in all areas but one, the web.

With a little luck, some of you may have stumbled upon our webpage before. If not, you can find it hidden inside the Los Angeles Section’s website under the Branches link. Our page used to include a photo of the current Branch board members, but since it had not been updated since I joined the board six years ago, it was removed. While the page is in current standings with the Branch board members, we cannot even claim credit for that simple act. In a time where most people turn to the web for information, rather than walk around the corner to the book shelf, it is vital that the Branch continue to make the efforts needed to keep our members informed.

Because of that, it gives me great pleasure to announce that in the coming month, the Branch will be launching our own website. The website will provide a centralized location for the members to keep up to date with the Branches general information, lunch meetings, special events, tours, seminars, and activities. It will include contact and calendar information for our Storm Water, Mentorship and Temec-
President’s Message

(continued from page 1)

Once it is up and running and give us your comments. We want to provide you the most efficient product possible.

Thank you for your continued support and commitment to ASCE.

Sincerely,

Terry Renner
Branch President

First Things First
Happy Easter

2007-2008 Board of Directors

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(909) 477-2710 Ext 4202
matthew.addington@ci.rancho.Cucamonga.ca.us

Membership Information

Type of Membership and Annual Dues (National)

Student: Free
Associate Member: $50 year of baccalaureate degree and first year 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. Log onto www.asce.org/membership/howtojoin.cfm fill out the short application and instantly become a member of ASCE. Or, Call 1-800-548-ASCE (2723)

2. Online Membership renewal available, go to www.asce.org/renewal/inforenewal.cfm. You need your membership 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.

Advertising Rates

Approximate number of mailings: 600 per month.

Professional Directory Per Card (10 issues) $250
(Business Card Ads)

Display Ads
Full Page (per issue) $235
One Half Page (per issue) $125
Quarter Page (per issue) $75

Advertising Information: To place ads, contact the editor. Payments are due 30 days from the date of publication. All copy must be received by the Editor by the first Friday of the month prior to publishing.
The Hazards Caucus and The Hazards Caucus Alliance

ASCE recently joined members of the Hazards Caucus and the Hazards Caucus Alliance to present a briefing to congressional staff members entitled "The New Madrid Fault Zone: Geology, Engineering, and Emergency Management to Reduce Earthquake Risks." The New Madrid and Wabash Valley seismic zones lie beneath Illinois, Indiana, Missouri, Kentucky, Tennessee, and Arkansas. A series of high-magnitude earthquakes occurred in the New Madrid zone in 1811 and 1812, destroying lakes and forests and changing the course of the Mississippi River. The speakers at the briefing included Jack Hayes, the director of the National Earthquake Hazards Reduction Program; Arthur Frankel, a coordinator at the Denver Federal Center; and David Maxwell, the director of the Arkansas Department of Emergency Management. For more information about the Hazards Caucus or the Hazards Caucus Alliance, visit www.hazardscaucus.org.

First PR University

ASCE is pleased to announce its first "PR University," a free, comprehensive public relations workshop for civil engineers who want to learn more about how to incorporate public relations into their professional activities. ASCE created the training program as part of its goal to bring effective public relations strategies to its members. During this highly interactive, one-day workshop, ASCE's communications department will offer presentations and activities designed to highlight effective methods of communication. Attention will also be given to public relations issues and outreach strategies. Participants will learn how to set goals in this area and how to reach particular audiences. A guest speaker from a news organization in the Washington, D.C. area will present a newsroom perspective, and a reference guide will be provided to each attendee. Part 'how to' manual and part resource guide, the work has been designed to give civil engineers a practical introduction to public relations. The workshop is scheduled to take place November 9 in Washington, D.C. at the Keck Center of the National Academies. Attendees are eligible for travel reimbursement based on ASCE's standard travel reimbursement policy. For more information: www.asce.org/prtoolkit.

Updated for 2008

ASCE's 2005 Report Card for America's Infrastructure assessed the condition and capacity of our nation's public works with an overall grade of D. ASCE estimates that $1.6 trillion is needed over a five-year period to bring the nation's infrastructure to good condition. While long term solutions are needed, in the short term, small steps can be taken by the 110th Congress to improve our nation's failing infrastructure.

The Action Plan So Far?

Over the last year, Congress has worked to achieve the goals set by the Infrastructure Action Plan. Among the completed successes:

- SAFETEA-LU funding guarantees
- Small Watershed Dam funding
- Water Resources Development Act were all completed,

Still in process

- the National Infrastructure Improvement Act,
- FAA Reauthorization,
- The Water Quality Financing Act and the
- Dam Rehabilitation and Repair Act

California: Governor Arnold Schwarzenegger announced in February 2008 a $211 million investment in critical levee improvement. ASCE's

(Continued on page 4)
2006 Report Card for California's Infrastructure gave the state's levees a grade of "F".

State dam safety officials estimate that $10 billion is needed to repair the most critical dams over the next 12 years. Also, state dam safety programs have identified more than 3,300 unsafe or deficient dams, many of which are susceptible to large flood events or earthquakes.

The U.S. Army Corps of Engineers reported in early 2007 that nearly 150 U.S. levees pose an unacceptable risk of failing in a major flood, mainly due to poor maintenance. The nation cannot afford to wait for another flooding catastrophe like the one that followed Hurricane Katrina in 2005.

**International Program Provides Idea Exchange at the ASCE Annual Conference**

The International Program at the ASCE Annual Conference in Orlando brought together engineers from the U.S. and some 20 countries to hear presentations and exchange ideas on a variety of water infrastructure sustainability issues.

Supporting the main conference program and its theme “Infrastructure for All Generations: Plan -- Design -- Build -- Manage,” the International Program offered such highlights as a roundtable on partnerships for building sustainable water infrastructure; a global anti-corruption session; a sustainability symposium featuring insights on the environmental and management features of the Kansai Airport in Japan and a special adaptation of ICE's 6th Brunel International Lecture “Engineering Civilization from the Shadows”; and a panel discussion on transboundary water issues in Israel and Palestine.

**Leader Education and Development**

**Transforming Engineering Managers into Effective Leaders and Creating a Dynamic Leadership Culture**

**An Intensive Eight-Month Leadership Course for Engineers**

Leadership provides many other benefits to engineers and their organizations as well. Developing leadership skills and a leadership culture creates the agility to respond more quickly to changes in the economy, competitors, and customer needs.

Leadership is different from management and requires different skills. Leading in the private and public arena requires a well-defined personal vision, integrity, and effective communications and motivational skills.

This course has been designed to produce behavioral change and provide significant growth in participants' leadership skills, along with all the benefits that will accrue to the workplace, clients, the public, and the profession.

If you have questions about LEAD, contact:

Melissa Prelewicz, P.E.
Director, Professional Practice
1801 Alexander Bell Drive
Reston, VA 20191
Phone: (800) 548-2723 ext. 6341
Fax: (703) 295-6132
Email: mprelewicz@asce.org

**Tid Bits of Information**

Articles   *   Promotions   *  Engineering News
Classified Ads    *    Business Card Ads

Send information to Rita Escobar, newsletter editor by first of month
rescobar@hfinc.com
Wilson & Company, Inc., Engineers & Architects, is a full-service, multi-disciplined engineering, architecture, surveying, mapping, right of way acquisition, construction management, and program management firm. We are a national company with 15 offices in nine states.

The San Bernardino office specializes in railroad and transportation engineering. Our expertise spans rail transit, commuter rail ports, harbors, and freight rail. Currently, our Inland Empire projects include Interstate 215 Widening/San Bernardino, Mountain View Widening/San Bernardino, Southern California Logistics Airport /Victorville, and Streeter Avenue Grade Separation/Riverside. Our clients include the BNSF Railway Company, Union Pacific Railroad, and various municipalities in the Inland Empire.

American Society of Civil Engineers Events

San Bernardino and Riverside Counties Branch of L.A. Section

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 2008</td>
<td>ASCE/CELSOC Lunch Meeting</td>
<td>11:30 am</td>
<td>Riverside</td>
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<tr>
<td></td>
<td>ASCE Luncheon</td>
<td>11:30 am</td>
<td>TBD</td>
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<tr>
<td></td>
<td>Low Impact Development (LID) Seminar</td>
<td>10:00 am</td>
<td>Moreno Valley</td>
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<tr>
<td>April 2008</td>
<td>Stormwater Committee USEPA, Region 9 – TMDL Goals</td>
<td>6:00 pm</td>
<td>Norco</td>
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<tr>
<td>May 2008</td>
<td>ASCE Lunch Meeting The Historic Hoover Dam</td>
<td>11:30 am</td>
<td>Ontario</td>
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<tr>
<td>June 2008</td>
<td>ASCE Lunch Meeting</td>
<td>11:30 am</td>
<td>San Bernardino</td>
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National Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>March 2008</td>
<td>Engineers Without Borders, USWA 2008 International Conference</td>
<td></td>
<td>Seattle, WA</td>
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<tr>
<td>April 2008</td>
<td>First International Symposium on Transportation &amp; Development Innovative Best Practices 2008 (TDIBP)</td>
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<td>Beijing, China</td>
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<td></td>
<td>Structures 2008 Congress</td>
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<td>Vancouver, Canada</td>
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<td></td>
<td>OPAL</td>
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<td>Washington, DC</td>
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<tr>
<td>May 2008</td>
<td>World Environmental &amp; Water Resources Congress</td>
<td>13-16</td>
<td>Honolulu, Hawaii</td>
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<td></td>
<td>Engineering Mechanics</td>
<td>18-21</td>
<td>Minneapolis, MN</td>
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<td></td>
<td>Geotechnical Earthquake Engineering &amp; Soils Dynamics IV (GEESD IV)</td>
<td>18-22</td>
<td>Sacramento</td>
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Green Buildings!?

That’s right, green buildings, not literally the color green, but green as in environmentally friendly. The San Bernardino-Riverside Counties Branch Younger Member Forum had their first presentation for the new term on December 3, 2007. The meeting was hosted by David Evans and Associates, Inc. at the Riverside office, and the topic was on Leadership in Energy and Environmental Design (LEED) with Liuzong Zhou, P.E. as the key speaker.

LEED is a system for certifying Design, Construction, and Operations for buildings. The system is based on a point scale determined by how environmentally friendly the building is, beginning with LEED certified, then LEED silver, LEED gold, and leading up to LEED platinum. One may not consider the harmful unnecessary impacts standard buildings have on the environment, such as high consumption of water and energy, increased soil erosion, reduction of pervious area, and high generation of waste just to name a few. LEED conscious buildings have great benefits. For example, a LEED building can have an 8% increase in building value, a 9% decrease in operating costs, all leading up to an increase in rent income. LEED buildings are becoming more popular in the market, with numbers growing exponentially. A good fact to know considering these negative impacts can be avoided by just building green.

For more information on LEED and green buildings, visit www.leedbuilding.org or www.usgbc.org.

In Loving Memory of
GORDON STEWART MAGNUSON

Born April 30, 1922 Seattle, Washington
Passed Away February 24, 2008 Whittier, California

Gordon Stewart Magnuson, a beloved father and friend, civil engineer and business executive, died of complications from Parkinson's disease. He was 85.

As a civil engineer, he worked for the County of Los Angeles before moving to the private sector, where he worked for Gladding McBean & Co., Pacific Clay Products, Interpace and the National Clay Pipe Institute. He finished his career as a partner at Engineering Science, which later was acquired by Ralph M. Parsons Co.

He formally retired in 1987, but continued to work as a consultant to the Santa Ana Watershed Project Authority until the age of 80. His half-century-long career included many of Southern California’s most important water treatment projects.

He was a member of the American Society of Civil Engineers (ASCE).
City of Colton

**Salary:** $139,548 annually; 6% education incentive for MA degree + City offers a generous executive benefit package including: $990/mo. for medical, dental and vision insurance; 2.7% @ 55 PERS retirement and a 4/10 work schedule.

The City of Colton (population 50,000) is seeking a City Engineer/Public Works Director to lead a department of 70 + employees with an operational budget of $20 million including $15.5 million for Capital Improvement Projects for fiscal year 2007/08. This executive management position will oversee the Engineering, Parks, Streets, Building Maintenance and Auto Shop divisions. Collectively, the Public Works Department strives to provide Colton residents the best, most efficient and timeliest service possible.

Reporting directly to the City Manager, the City Engineer/Public Works Director is responsible for the development and completion of capital improvement projects within the City. Responsiveness to its residential, commercial and industrial communities is a priority. Additional responsibilities include coordinating department activities with city departments, outside agencies or organizations; establishing division goals, objectives, policies and procedures in accordance with the department and City’s mission statement and goals. Ability to work well with City Council, City Manager and Department Directors on a variety of projects is crucial for this position.

The new City Engineer/Public Works Director will appreciate the dynamics of a smaller organization and will create partnerships with other departments. This challenging position requires a strong, visionary leader committed to continuous quality improvement, customer service and performance management. The ideal candidate will understand the bigger picture as well as anticipate and prepare innovative solutions and deliver results. The candidate must be a self-starting, results-oriented individual with good communication and strong interpersonal skills who has integrity, is ethical, energetic and innovative. Qualified candidates will be registered as a professional Civil Engineer in the state of California and possess at least five years of engineering experience. A Bachelor’s degree in public administration, business administration, civil engineering or a related field is required.

Submit a cover letter, resume including salary history and three references by APRIL 17, 2008 to: Human Resources Department, 552 N. La Cadena Drive, Colton, CA 92324; a detail job announcement is available on the City’s website: [www.ci.colton.ca.us](http://www.ci.colton.ca.us). For additional information or assistance, please call our office at 909-370-5062 - AA/EOE.
REGION 9, LOS ANGELES SECTION
SAN BERNARDINO & RIVERSIDE COUNTIES BRANCH

Stormwater Committee

Wednesday, April 16, 2008

Topic: TMDLs in Southern California

Synopsis: An overview of current Southern California Total Maximum Daily Loads (TMDLs) will be reviewed. An understanding of TMDLs is one of the primary elements of BMP selection. Presentation elements will include TMDL development process, current TMDLs, proposed TMDLs and long-term TMDL goals. Ms. Cindy Lin of the US EPA, Section 9, Monitoring and Assessment Office is the presenter.

Time:
6:00 - 6:30 pm: Check-In/Networking
6:30 - 7:00 pm: Dinner
6:45 - 7:15 pm: Presentation
7:15 - 7:25 pm: Q&A
7:30 pm: Adjournment

Location:
Hidden Valley Golf Course/Villa Amalfi Restaurant
10 Golf Course
Norco, Ca 92860
(951) 737-1010

Cost:
Members $35 prepaid; $40 at the door (with reservations); Non-members and walk-ups $45.

Reservations: RSVP by April 9, 2008 at 12 noon. No refunds after this date. Include the names of all persons attending with membership number (if applicable). Please request vegetarian meals in advance. Your advance reservations, made and honored, are essential to fulfilling our catering commitment. No-shows will be billed. Seating is limited and payment at the door will be accepted based on availability. Advance payment by PayPal (www.paypal.com) or mail is available and encouraged. For PayPal payment please send payment to ascesbr.sc@gmail.com. By mail, please make checks payable to “ASCE Stormwater Committee” and mail to:

Bill Flores Jr., ASCE Stormwater Committee Chairman
HDR
2280 Market St. Suite 100
Riverside, CA 92501

Parking: Free parking on-site. To reduce your carbon footprint, carpooling is encouraged.

Directions to Meeting – please use this link:
SPONSORSHIP OPPORTUNITIES

ASCE – San Bernardino & Riverside Counties Branch
Monthly Lunch Meeting
4th Wednesday of Each Month (Typically)

SPONSORSHIP OPPORTUNITIES

This year’s lunches promise to attract the firms, agencies, and people who have helped to shape the Inland Empire. Prominent speakers will be giving presentations, and by helping sponsor the event, your company will be featured in the Monthly Lunch Program and in the ASCE newsletter. The breakdown of benefits is as follows:

- **PLATINUM SPONSOR ($1000)**
  - Reserved table for 10
  - Mention at the lunch
  - Mention and Logo in the ASCE Newsletter
  - Listing on the Event Banner / Program

- **GOLD SPONSOR ($500)**
  - Reserve seating for 5
  - Mention at the lunch
  - Mention and Logo in the ASCE Newsletter
  - Listing on the Event Banner / Program

- **SILVER SPONSOR ($250)**
  - Seating for 2
  - Mention at the lunch
  - Mention and Logo in the ASCE Newsletter
  - Listing on the Event Banner / Program

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SIGN ME UP! I want to be a part of the ASCE San Bernardino & Riverside Branch Lunch and take advantage of the promotional opportunities afforded to me as a selected sponsor.

Platinum ___ Gold ___ Silver ___

Company: ____________________________________________
Contact Name: _______________________________________
Address: ____________________________________________
____________________________________________________
Phone: ___________________ Fax: _____________________
Email: ____________________

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PLEASE FAX or EMAIL to: Scott Petersen (Branch Treasurer)
Fax: (951) 352-6200 Phone: (951) 352-4100 ext. 206
Email: spetersen@adams-streeter.com
You will be invoiced for payment by ASCE / S. Bdo & Riv. Branch
Wilson and Company Inc.
ASCE LA Engineer Job Ad

Wilson and Company Inc., Engineers and Architects, is looking for several creative, licensed Transportation Engineers/Planners for our LA office. As a 75-year old firm we are proud to be consistently ranked in the top 200 on the ENR top 500 list of design firms. Our multi-disciplined firm of nearly 500 people is big enough to provide you with a professional and competitive atmosphere, yet small enough that people know your name. Knowing that the success of our company is reflective of the success and development of each employee, individual accomplishments are highlighted in our company newsletter. Our team of engineers and planners make decisions independently, yet work collaboratively on projects with a variety of teams.

We would like the opportunity to review your resume. There are open positions for P.E.’s with at least 5 years of varied transportation engineering/planning experience as well as for more experienced Engineers (with greater than 15 years of experience) who have proven abilities to help Wilson & Company build our growing practice in the LA area. If you are ready to succeed in a company that recognizes you as an asset, send your resume to recruitment@wilsonco.com.

In exchange for your talent, Wilson & Company will provide you with an excellent benefits package.

Little Humor

Things we should all know by now

1. Don't worry about what people think; they don't do it very often.
2. Artificial intelligence is no match for natural stupidity.
3. For every action, there is an equal and opposite government program.
4. If you look like your passport picture, you probably need the trip.
5. Opportunities always look bigger going than coming.
6. Experience is a wonderful thing. It enables you to recognize a mistake when you do the same thing again.
7. By the time you can make ends meet, they move the ends.
8. Someone who thinks logically provides a nice contrast to ethereal world.
9. If you must choose between two evils, pick the one you've never tried before.
10. And never, EVER take a sleeping pill and a laxative in the same night.
**SAN BERNARDINO & RIVERSIDE COUNTIES BRANCH MEETING**

**FRIDAY, MARCH 21**

**RESERVATIONS**  
Nadege Sandoval  
Stantec Consulting, Inc.  
951-697-8300  
nadege.sandoval@stantec.com

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**Mark Your Calendar**

**Joint CELSOC/ASCE Meeting**

<table>
<thead>
<tr>
<th>Date</th>
<th>Friday, March 21, 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speakers</td>
<td>Mr. George Johnson, County of Riverside Director of Transportation and Land Development Agency</td>
</tr>
<tr>
<td>Topic</td>
<td>Current State of the County of Riverside</td>
</tr>
<tr>
<td>Time</td>
<td>11:30 am Networking</td>
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<tr>
<td></td>
<td>12:00 pm Luncheon and Program/Discussion</td>
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<tr>
<td></td>
<td>1:30 pm Adjournment</td>
</tr>
<tr>
<td>Location</td>
<td>Riverside Golf Club 951-682-3054 1011 N Orange St., Riverside</td>
</tr>
<tr>
<td>Cost</td>
<td>Free to 1st person from a member firm. $20 per person for each additional person from the same member firm. <em>(Please pay at the door. Checks preferred, cash accepted)</em></td>
</tr>
</tbody>
</table>

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**RSVP PLEASE**

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**c/o Rita Escobar**  
**ASCE Newsletter Editor**  
**Hall & Foreman**  
**9130 Anaheim Place**  
**Rancho Cucamonga, CA 91730**

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**FIRST CLASS MAIL**