President’s Message

Become a Mentor

Recently, the Branch has been fortunate enough to have members that are extremely passionate about our profession. So passionate in fact, that they have taken on the task of heading a Branch Committee. These members volunteer countless hours of their personal and professional free time and should be commended.

Each of our Committees adds distinct value for our members by providing a greater network where engineers can exchange ideas, develop and build leadership skills and augment our members’ education.

Currently, the Branch’s Mentorship Committee is kicking off its initial attempt to pair mentors with protégés. The goal is to help bridge the gap between experienced local civil engineers and the younger generation of engineers in our area.

Our Committee is the only sustained attempt by any Branch within ASCE National, to bring mentors and protégés together.

To make this Committee a success, we need passionate members that are willing to become mentors. The obligation is minor and should take only about a day’s worth of time each quarter, but the benefits are something that you will retain for a lifetime.

Not only will you be personally involved in bettering our profession and community, but you will likely create new personal and professional bonds that will last throughout your life.

With the launch of the Branch website you will now be able to stay up to date with the Branch, YMF and all of its Committees directly.

You can visit the website at http://www.ascesbriv.org/.

While you’re there take a look at what interests you and get involved.

(continued on page 3)
ASCE proudly introduces this year’s OCEA finalists

1) The Arsenic Crisis in the Indian Subcontinent: Sustainable Engineering Solution, West Bengal, India.

2) Mission Valley East Light Rail Transit Project, San Diego,

3) Pasadena City Hall Seismic Upgrade and Rehabilitation Project, Pasadena, California

4) Tacoma Narrows Bridge, Tacoma to Gig Harbor, Washington

5) Woodrow Wilson Bridge Project Washington DC

For more information contact Susan Blodgett at ASCE sblodgett@asce.org or www.asce.org/opal.

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.

<table>
<thead>
<tr>
<th>Service</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Directory</td>
<td>$250</td>
</tr>
<tr>
<td>Display Ads</td>
<td>$235</td>
</tr>
<tr>
<td>One Half Page (per issue)</td>
<td>$125</td>
</tr>
<tr>
<td>Quarter Page (per issue)</td>
<td>$75</td>
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</table>

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.

2007-2008 Board of Directors

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GTSAssoc@aol.com

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bwolfe@westlandgroup.net

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spetersen@adams-streeter.com

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Bill.flores@hdrinc.com

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Matthew Addington, P.E., P.L.S.
(909) 477-2710 Ext 4202
matthew.addington@ci.rancho.cucamonga.ca.us
March Meeting Recap

The ASCE San Bernardino & Riverside Counties and CELSOC had a join lunch meeting on Friday the 21st at the Riverside Golf Club in the City of Riverside. The guest speaker was Mr. George Johnson, P.E., Director of Transportation for the Riverside County.

In his presentation, Mr. Johnson said that the Transportation Department is responsible for the planning, engineering, construction, maintenance and operation of the County’s road system. Their priorities include improve safety, maintain the existing road system as well as expand their roads to accommodate population growth. Riverside County is one of the fastest growing counties and the fourth largest county in California having about 7,300 square miles of land.

Highlights from the presentation:

- March 2002, approved Proposition 42 to start in FY 08/09: $1.5 billion annually (approximately) and $15 million annually to the County.

- Proposition 1B – State Bond passed in November 2007 – will generate about $20 billion State wide. $4.5 billion programmed statewide to improve mobility and reduce congestion. SR91 – Riverside County from 60/91/215 to Adams Street, add HOV lanes, total cost $232.90 millions, CMIA cost $157.20 millions, construction begins summer 2011. I-215 – Riverside County from I-15 to Scott Road, widen Freeway, total cost $62.50 millions, CMIA cost $38.57 millions, construction begins late 2010. SR-91 – Riverside/Orange from SR-241 to SR-71, construct eastbound auxiliary lane, total cost $80.50 millions, CMIA cost $71.44 millions, construction begins fall 2009.

- State Gas Tax Subventions to Cities and Counties: State budget shortfall $16 billion.

- Localized Development Impact Fees (DIF).

ASCE thanks George Johnson for his informative presentation.

President’s Message  (cont from page 1)

Our Branch and Committees are always in need of active members that want to make a difference.

Thank you for your continued support and commitment to ASCE.

Terry Renner
Branch President
The candidate must have the knowledge and ability to:

- Plan, organize, control, manage and evaluate the work of the Transportation Engineering Division with subordinate supervisors and staff, participate in establishing operational plans and initiatives to meet department goals and objectives; implement departmental plans, work programs, processes, procedures and policies required to achieve overall departmental performance results; coordinate and integrate department functions and responsibilities to achieve optimal efficiency and effectiveness; participate in developing and monitoring performance against the annual departmental budget.
- Plan and evaluate the performance of assigned staff; establish performance requirements and personal development targets; monitor performance and provide coaching for performance improvement and development; provide or recommend compensation and other rewards to recognize performance; take disciplinary action, up to and including termination, to address performance deficiencies, subject to management concurrence, in accordance with the City’s policies and procedures and labor contract provisions.
- Provide the day-to-day leadership and work with staff to ensure a high performance, customer service oriented work environment which supports achieving City objectives and service expectations; provide leadership and participate in programs and activities that promote a positive employee relations environment.
- Manage and direct the activities and staff involved in the daily administration of the Transportation Engineering Division; develop work programs and establishes program priorities; provide technical leadership and policy guidance and communicates management objectives to City management and staff; review and approve work performed by staff; manage sensitive community issues; manage the development, implementation and operations of programs designed to improve or maintain neighborhood livability; develop new programs to address the City’s emerging traffic needs; manage contracts for consultants providing traffic engineering services; coordinates traffic services with other city departments.
- Manage and direct major transportation planning and infrastructure development projects and programs; identify transportation and traffic issues and problems and develop counter-measures for improvement; manage plan check processes to evaluate traffic impacts of new development projects; manage plan check processes for signal improvements and signing and striping plans; assess traffic conditions and implement measures for improving traffic flow and enhancing traffic safety; develop and implement transportation administration policies and procedures.

THE ABOVE LIST OF ESSENTIAL FUNCTIONS IS NOT EXHAUSTIVE AND MAY BE SUPPLEMENTED AS NECESSARY BY THE EMPLOYER.

WORKING CONDITIONS: While performing the duties of this job, the employee is regularly required to sit, stand, walk, reach, turn, kneel, bend, squat, both in the office and field work activities. This position also requires grasping, repetitive hand movement and fine coordination in preparing reports and other data, using a computer keyboard. Additionally, the position requires near and far vision in reading correspondence and using the computer. Acute hearing is required when providing telephone and personal service to customers and consultants. The nature of the job requires the incumbent to drive motorized vehicles; exposure to outside temperatures and often work with numerous to constant interruptions; the incumbent is also regularly required to use oral and written communication skills; read problems, use mathematical reasoning; perform highly detailed work under changing, intensive deadlines, on multiple concurrent tasks; interact with City management, staff, representatives of other public agencies, the public and others encountered in the course of the work.

EXPERIENCE AND TRAINING GUIDELINES: A combination of experience, training and education that would provide the required knowledge is qualifying. See the City’s job description for more details. EDUCATION: Graduation from a four year college or university with major coursework in Civil and Traffic Engineering, eight (8) years of professional civil or traffic engineering experience, at least three (3) of which were in a supervisory program management capacity or a solid combination of training and experience. LICENSES, CERTIFICATES AND SPECIAL REQUIREMENTS: Possession of and continuously throughout employment, a valid Class “C” California Driver’s License and the ability to maintain insurability under the City’s vehicle insurance policy. Possession of a Professional Engineer’s license as a Registered Civil Engineer is required and the possession of registration as a Traffic Engineer is highly desirable.

APPLY: Human Resources Dept., 17005 Upland Ave., Fontana, CA 92335 (located in the Fontana Police Bldg), (909) 350-7650 or visit the City’s web site at www.fontana.org.

CLOSING DATE: Thursday, June 18, 2008 at 4:00 p.m. Resumes are not accepted in lieu of the completed application. No postmarks or facsimiles will be accepted.

Opens Monday, 3/31/2008
Company Spotlight

PENCO Engineering, Inc.

2191 Fifth Street
Suite 211  Est. 1988
Norco, CA 92860  This year they are
Phone: (951) 736-2040  celebrating their
Fax: (951) 736-5292  20th Anniversary
www.pencoeng.com  Employees: 7

PENCO Engineering, Inc., incorporated in 1988 and currently has over 55 employees in offices located in Irvine and the Inland Empire. We provide comprehensive civil engineering and surveying services for a wide variety of projects such as public works projects; land development / entitlement services; and plan check services on large land acquisition and entitlement projects; subdivision projects; research facilities, retail, commercial, institutional projects.

Our Inland Empire office is currently working on the Glen Avon Heritage Park, Mockingbird Canyon residential project and the Riverside Community College – Norco Campus soccer field project. We recently completed the Pikes Peak Park and Norco Ridge Ranch projects in Norco. George Jurica is owner and founder of PENCO Engineering and Jerry Burke, PE is Director of Engineering managing the Inland Empire office.

ASCE 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>April-08</td>
<td>Annual ASCE Branch/Student/Chapter Dinner</td>
<td>6:30 pm</td>
<td>Rancho Cucamonga</td>
</tr>
<tr>
<td>May -08</td>
<td>Stormwater Committee Dinner</td>
<td>6:00 pm</td>
<td>San Bernardino</td>
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<td></td>
<td>ASCE Luncheon</td>
<td>11:30 am</td>
<td>Ontario</td>
</tr>
<tr>
<td>June -08</td>
<td>ASCE Luncheon</td>
<td>11:30 am</td>
<td>San Bernardino</td>
</tr>
</tbody>
</table>

My company earned an award. Can I share our success in the newsletter?

You sure can!

Deadline to submit articles of interest to our members is the first Friday of each month

Rita Escobar
rescobar@hfinc.com
primitive railway helped inaugurate the great era of American railroad building.

Facts:
• This innovative use of rails met with considerable skepticism as canals were then considered the optimum mode of transportation.
• The project began on April 1st and was completed by October 7th, a mere six months. Lighting speed compared to today’s environmental reviews.

Matthew Addington, ASCE
PLEASE ATTACH YOUR RÉSUMÉ TO THIS FORM

NAME
First
Middle
Last

Education Level: ☐ BS/BCE  ☐ MS/MCE  ☐ Ph.D.
☐ M.B.A.  ☐ Other
Professional Registration: ☐ RE.
☐ P.E. /E.I.T.  ☐ Neither

EMPLOYER
Company Name
Street
City  State  Zip
E-mail
Phone  Fax

INTEREST
☐ I want to be a mentor.
☐ I want to be a protégé.
☐ I’d like to be both a mentor and protégé.

AVAILABILITY
Please indicate your availability for mentoring.
☐ Weekday  ☐ Weekend

When do you prefer to have mentoring sessions?
☐ During work hours  ☐ During lunch
☐ After work

Please check the ways you would prefer to communicate with your mentor or protégé.
☐ Phone  ☐ In person  ☐ E-mail
☐ Instant Messaging

WORK EXPERIENCE / TECHNICAL INTEREST

<table>
<thead>
<tr>
<th>Technical Area</th>
<th>Mentors and Protégés, please check the technical area(s) in which you have experience.</th>
<th>Mentors, please check the technical area(s) in which you feel comfortable mentoring.</th>
<th>Protégés, please check the technical area(s) that you wish to develop.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architectural Engineering</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>Coasts, Oceans, Ports &amp; Rivers</td>
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<tr>
<td>Construction</td>
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<tr>
<td>Environmental Engineering</td>
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<tr>
<td>Water Resources</td>
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<tr>
<td>Geotechnical Engineering &amp; Geotechnology</td>
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<tr>
<td>Structural Engineering</td>
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<tr>
<td>Transportation Engineering</td>
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<tr>
<td>Land Development</td>
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<tr>
<td>Other Technical Area (please specify):</td>
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</tbody>
</table>
ORGANIZATION TYPE

- Mentors and Protégés, please check the area(s) in which you have worked.

  - Small Organization (less than 50 employees)
  - Large Organization (50 employees or greater)
  - Public Sector
  - Private Sector

PROFESSIONAL PRACTICE/ NON-TECHNICAL INTEREST

Mentors (M), please check the area(s) in which you feel comfortable mentoring. Protégés (P), please check the area(s) that you wish to develop.

- Adaptability
- Business Planning / Entrepreneurship
- Career Planning
- Communication Skills
- Community Involvement
- Conflict Resolution
- Contract Negotiations
- Customer Service / Client Interaction
- Disaster Preparedness
- Dispute Resolution
- Diversity
- Ethics
- Leadership

Please list any other topical areas, technical or non-technical, that you would like to mentor on/be mentored in:

- 
- 
- 

MENTORING BACKGROUND QUESTIONS

Have you been a mentor or protégé (informally or in a program) before?

- Yes
- No

If yes, please describe your experience:

- 
- 
- 

Optional:

Do you have a preference for the gender of your mentor/protégé?

- Yes
- No

If yes, please check your preference.

- M
- F

Please list any other preferences you would like to be considered when your tentative match is made:

- 
- 
- 

By completing this interest form, you agree to the following terms, conditions and standards of the mentoring program: ASCE encourages an open exchange of information and ideas between members participating in the mentor program; however, ASCE does not view or review such communications and does not guarantee anonymity or the accuracy of any information exchanged. You agree that you will participate in the mentor program in a manner consistent with any and all applicable laws and regulations and the ASCE Code of Ethics. You further agree to completely release ASCE, its affiliates, organizational entities, directors, officers, members, employees and agents from any and all claims, judgments, demands, liabilities, and actions that you may have arising out of, or in any way relating to, your participation in the mentor program.

☐ I agree with the above terms, conditions and standards of the mentoring program.

Signature                                                                 Date

PLEASE EMAIL OR FAX COMPLETED FORM TO:

Protégé Applications
Alfred Pedrozo, P.E., M.ASCE
APedrozo@BoyleEngineering.com
(909) 933-5225 Phone
(909) 933-5228 Fax

Mentor Applications
Neil Nitchman, P.E., M.ASCE
nitchman@nclma.org
(951) 933-5782 Phone
(951) 933-5764 Fax
Wednesday, May 14, 2008

**Topic:** Hydromodification Affects on the Water Cycle, Update on the California WaLUP Program

**Synopsis:** Urbanization and land use affects on the water cycle is one of the baseline issues for Low Impact Development/Hydromodification practices – the basis for WCMP design. This month’s speakers will discuss the California Water and Land Use Partnership (CA WaLUP), an educational program that promotes the alignment of water quality management, watershed protection, and land use planning goals. Hydromodification will be discussed as well approaches to address this issue in the region. The speaker, Susan Frisch Zaleski, works for the USC Sea Grant Program where she provides outreach and advisory services on various coastal environmental related issues. She also coordinates the WaLUP program.

**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:**
San Bernardino Hilton
285 East Hospitality Lane
San Bernardino, CA 92408
(909) 889-0133

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

**Reservations:** RSVP by May 7, 2008 at 12 noon to
http://www.projectpartners.com/wpelp_show_events.asp?id=19. No refunds after this date. Include the names of all persons attending with membership number (if applicable). 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 asceshr.sc@gmail.com. By mail, please make checks payable to “ASCE Stormwater Committee” and mail to:

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

**Parking:** Parking is free.
To reduce your carbon footprint, carpooling is encouraged.
# 2008-2009 Dinner Program Annual Calendar

This calendar is accurate as of the date identified below. Since it is subject to change, please refer to the official flyer after publication ([link](http://www.projectpartners.com/ps/ps_show_events.asp?id=19)) for each dinner program. For additional information, please contact: Bill Flores Jr., Committee Chairman, (951) 320-7311 direct, (951) 533-9435 cell, bill.flores@hdrinc.com

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Speakers</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 16, 2008</td>
<td>TMDLs for Southern California</td>
<td>Dr. Cindy Lin (US EPA, Region 9)</td>
<td>Hidden Valley Golf Course, Norco</td>
</tr>
<tr>
<td>May 14, 2008</td>
<td>Urbanization Effects on the Water Cycle, update on the CA WaLUP Program</td>
<td>Susan Frisch Zaleski, (USC Sea Grant Program)</td>
<td>Hilton, San Bernardino</td>
</tr>
<tr>
<td>June 11, 2008</td>
<td>Storm Water Quality Standards Task Force</td>
<td>Jeff Beehler (SAWPA)</td>
<td>Marriott Riverside</td>
</tr>
<tr>
<td>July-August 2008</td>
<td>DARK</td>
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<tr>
<td>September 10, 2008</td>
<td>Current Water Quality Issues</td>
<td>Gerard Thibeault (Santa Ana RWQCB)</td>
<td>Ayres Inn &amp; Suites, Ontario</td>
</tr>
<tr>
<td>October 2008</td>
<td>DARK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>November 12, 2008</td>
<td>Caltrans Roadside Vegetated Treatment Sites Study</td>
<td>Adam Weister (AEI-CASC)</td>
<td>Hidden Valley Golf Course, Norco</td>
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<tr>
<td>December 2008</td>
<td>DARK</td>
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<tr>
<td>January 2009</td>
<td>Mojave River Watershed Storm Water Management Program</td>
<td>Dan Ilkay (San Bernardino County)</td>
<td>Hilton, San Bernardino</td>
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<tr>
<td>February 2009</td>
<td>DARK</td>
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<tr>
<td>March 2009</td>
<td>Riverside County LID BMP Testing &amp; Demonstration Facility</td>
<td>Mike Carins (CVALDO Engineering)</td>
<td>Marriott Riverside</td>
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<tr>
<td>April 2009</td>
<td>DARK</td>
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A Little Humor
Ways to Maintain a Healthy Level of Insanity

1) At lunch time, sit in your parked car with sunglasses on and point a hair dryer at passing cars. See if they slow down.

2. At work, page yourself over the intercom. Don’t disguise your voice.

3. Put Decaf in the coffee maker for 3 weeks once everyone has gotten over their caffeine addictions, switch to expresso.

4. In the memo field of all your checks, write: “For Sexual Favors”

5. Finish all your sentences with “In Accordance with the Prophecy”

6. As often as possible, skip rather than walk.

7. Order a Diet Water whenever you go out to eat, with a serious face.

8. Specify that your drive-through order is “To Go”

9. When the money comes out the ATM, scream “I won!! I won!!

10. Tell Your children over dinner, “Due to the Economy, we are going to have to let one you go”

March Event

The City of Ontario had their State of the City 2008 Market Update and Business Networking Event on March 26, 2008 at the Ontario Convention Center.

Some of the City of Ontario future Projects:
- New Citizens Business Bank Arena – Fall 2008
- Piemonte at the Ontario Center
- Ontario Town Square
- Historic Guasti District
- New Model colony
- Pacific Gateway Cargo Center
- Prologis Park Ontario Airport
- Business Park at Belmont
- Ontario Airport Towers
- Waterside Center

Tim Min-Mack, City of Ontario, welcoming the guests at the Ontario Convention Center and Don Bierman, Hall & Foreman, Inc.
<table>
<thead>
<tr>
<th>Annual ASCE Branch/Student Chapter Meeting</th>
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<tbody>
<tr>
<td><strong>Date</strong></td>
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<tr>
<td><strong>Program</strong></td>
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<td><strong>Time</strong></td>
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**RSVP Deadline April 24**