President’s Message

On the heels of one of the State of California’s worst fire catastrophes, I want to send my condolences to everyone that was affected by this tragedy.

I am sure all of you have seen the dramatic photos and news coverage of this devastating event and the true heroism of the fire fighters who have placed their lives on the line to save others lives and property. It is far too often that a good deed goes without the proper appreciation so if you know any of the brave men and women that were involved in fighting the fires please extend my appreciation to them for all of their hard work.

State wide there were a total of 18 separate fires. In San Bernardino, Orange, Los Angeles, San Diego and Ventura Counties more than 2,100 homes were lost and over 517,000 acres burned.

Financially, the fires have claimed more than one billion dollars in property damage alone and it is anticipated that this will be one of the most expensive fires in United States history. Locally, in San Bernardino County there were at least 450 homes lost and over 14,000 acres burned. The fire siege affected hundreds of thousands, if not millions of people, from evacuations to cancellations of school, work and outdoor activities due to closed highways and extremely poor air quality.

As engineers, we will be looked upon to provide services for the rebuilding efforts for damaged roadways and utility services.

As members of the community, we should assist those that have lost their homes in any way possible. It could be by volunteering your time to an organization that is assisting with the cleanup and rebuilding.

Or, something as easy as going online and donating money to the charitable groups responding to the Southern

(continued on page 3)
Volunteers Wanted For The Newly Formed Mentorship Committee

The local Branch has spearheaded a Mentorship Committee to bridge the gap between many experienced local Civil Engineers (Mentors) and younger generation of engineers (Protégé) in our area.

The main purpose of the Mentoring Committee is listed below for your reference and consideration:

- Facilitate a new service for our members.
- Working with the ACSE National to establish a Pilot Program in this area.
- On-going efforts to attract new volunteer-mentors.
- Gathering and compiling data to be able to fulfill our mentorship program’s objectives.
- Evaluate an effective delivery method for the program and implement them.

Mentors and Protégés can also be committee members and help out with its wide range of activities. For additional information, please contact Neil Nilchian, PE (nnilchi@rctlma.org).

Next meeting:
Date: November 15, 2007, Thursday
Time: Networking at 5:30 pm
Meeting: 5:45 pm - 6:45 pm.
Place: The Victor Miceli Law Library (3989 Lemon St, Riverside 92501).

Membership Information

Type of Membership and Annual Dues (National)

<table>
<thead>
<tr>
<th>Type of Membership</th>
<th>Annual Dues</th>
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<tbody>
<tr>
<td>Student</td>
<td>Free</td>
</tr>
<tr>
<td>Associate Member</td>
<td>$50 year of baccalaureate degree and first year after, then incremental increase to $205 over five years</td>
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<tr>
<td>Member</td>
<td>$205 annually</td>
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<tr>
<td>Affiliate</td>
<td>$205 annually</td>
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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 payments must be made with a major credit card. An e-receipt is transmitted to the member upon completion of the transaction.

Advertising Rates

<table>
<thead>
<tr>
<th>Type of Ad</th>
<th>Cost Per Issue</th>
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<tr>
<td>Professional Directory</td>
<td>$250 (Business Card Ads)</td>
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<tr>
<td>Display Ads</td>
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<tr>
<td>Full Page (per issue)</td>
<td>$235</td>
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<td>One Half Page (per issue)</td>
<td>$125</td>
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<tr>
<td>Quarter Page (per issue)</td>
<td>$75</td>
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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.

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Bill.flores@hdrinc.com

Assistant Newsletter Editor
vacant
President’s Message  
(cont. from page 1)

California wildfires that assist residents affected by the disaster.

Thank you for your continued support and commitment to ASCE.

Sincerely,

Terry Renner, Branch President

Annual Meeting Installation & Awards Dinner  
Los Angeles Section

The ASCE San Bernardino & Riverside Counties Branch, Younger Member Forum (YMF), and Student Chapter attended to the Los Angeles section annual installation and awards dinner on October 13, 2007 at the Huntington Library.

Bits and Pieces

From left to right: Chris Turnage, Scott Peterson, Lauren Popescu, Alberto Martinez, Bill Flores, Helio Takano, Derrick Chan, Rita Escobar and Juliana Gonzalez

2006-2007 Awards

Michael P. Thornton, P.E  
Outstanding Civil Engineer in Private Section

Steven L. Malloy, P.E.  
Outstanding Civil Engineer in Government

Alberto Martinez, P.E.  
Outstanding Younger Civil Engineer

Cung Nguyen, P.E.  
Outstanding Civil Engineer in Community Service

Jack W. Rolston, P.E.  
Outstanding Life Member

Jeff Rowe  
Excellence in Journalism Award

Hemet Water Filtration Plant  
Outstanding Civil Engineering Project

The State Route 22 Widening  
Outstanding Civil Engineering Project
Infrastructure Engineering Corporation (IEC) is a civil engineering and construction management consulting firm primarily serving public agency clients. Our technical expertise and reputation in providing public agency clients exceptional municipal engineering is one of our core competencies that form the foundation of this firm. Our founding philosophy is to build a firm based on exceptional client service and employee satisfaction.

IEC is seeking a Municipal Engineering Project Manager level engineer with the following qualifications:

- Bachelors or Masters in Civil Engineering
- Professional registration in California
- Between 7 to 15 years experience in municipal engineering services with preference towards site civil design, storm drain and street design, and development review/planchecking
- Strong written and oral communication skills
- A Team Player with initiative

Key responsibilities of the position include:

- Managing and prepare design plans, specifications, details, reports, calculations, construction schedules and cost estimates for various Site, Street and Drainage Capital Improvement Program projects.
- Assisting with marketing new projects.
- Routine contract administration
- Coordination with subconsultants and other project team members

Infrastructure Engineering Corporation offers a salary commensurate with experience and a comprehensive benefits package including health, dental, vision, life, and disability insurance including a 401(k) plan.

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Kimley-Horn and Associates, Inc. (Kimely-Horn) is an employee owned, multidiscipline firm, providing professional planning and engineering services to the public and private sectors.

Nationwide, Kimley-Horn employs over 2,400 professional, technical, and support personnel in 64 offices, throughout 16 states, including our 10 California locations in Riverside, Los Angeles, Orange, Santa Clarita, San Diego, Oakland, San Ramon, Sacramento, Roseville, and Rancho Cordova.

WHERE EXCEPTIONAL PEOPLE ARE THE RULE!

Founded in 1944, RBF’s reputation and success are founded on our commitment to quality, professionalism and continuing innovation. When you join the RBF team, you will have the opportunity to collaborate with over 1,000 professionals and experts throughout 14 offices in California, Arizona and Nevada. You will work on some of the largest, most complex and interesting development projects in the Southwest, from master plan communities, downtown revitalization and military base reuse, to innovative infrastructure design and construction.

We are currently seeking professionals in the following disciplines:

Construction Management • Flood Control/Drainage • Traffic Engineering
Water/Wastewater • Land Development • Transportation Planning
Transportation Engineering • Structural Engineering
Water Quality Management • Survey/Mapping/GIS

We provide exceptional opportunities for professional success, continued learning and personal growth. RBF offers excellent compensation and benefits packages, including a generous matching 401(k), profit sharing and bonus plans, relocation assistance and ownership opportunity. We invite you to join our team, build your career with us, and make a difference in your life and professional career!

For additional information please visit our website www.RBF.com

Fax: (949) 855-7060
Email: hrmail@rbf.com
EOE M/F/D/V
On October 26, 2007 the City of Fontana had the groundbreaking ceremony for the I-10 Cypress Overpass. This event took place at Cypress Avenue and Valley Boulevard at 10:00 am.

A Message from your Mayor & City Council...

Fontana deserves improved freeway interchanges ... and the time has come to deliver.

After years of waiting, we finally are enjoying the completion of Interstate 210 that now extends all the way to Interstate 10 in Redlands. Plans for the 210 Freeway began 50 years ago.

Sections of the freeway were constructed over the years and after numerous delays Interstate 210 is nearly complete with the exception of the Pepper Avenue interchange in Rialto and connector roads between the I-210 and I-215 in San Bernardino.

During the same time period in the mid 1950’s, Interstate 10 was extended through San Bernardino County. Over the past five decades the population in the Inland Empire has grown exponentially and current interchanges in Fontana along I-10 are simply inadequate.

Now three years old, Sierra Avenue Interchange took nearly 15 years to complete, however, it taught us a valuable lesson along the way....plan ahead. And that’s exactly what the City did, and now the time has come to deliver the Cypress Avenue Overcrossing, the first of many more I-10 improvements to come.

The City of Fontana has taken the initiative to prepare Environmental Documents and Construction plans with a goal of having “shelf-ready” projects that can go straight to construction when funding becomes available. As a result, Cypress Avenue, Cherry Avenue and Citrus Avenue are all on schedule to be under construction or completed by 2010.

Because Fontana has taken the lead, now other agencies are following. SANBAG and the City of Fontana as well as other neighboring...
I-10 Improvements in the City of Fontana

(continued from page 6)

cities are looking to join forces. Improving
the interchanges along the I-10 freeway will
now pave the way to add additional lanes to
the main line from Ontario east to the River-
side County line.

Here’s a closer look at the I-10 improvements
the City of Fontana can look forward to,
sooner rather than later:

Cypress Avenue/I-10 Over-Crossing

Cypress Avenue Overcrossing is ready to de-

erive! Cypress Avenue is desperately needed
to help the residents of the City of Fontana
commute north and south over the I-10 Fre-
eway. Unlike the other over-crossings which
double as interchanges with access ramps on
and off the freeway, Cypress will act as a true
stand alone overcrossing moving residents
quickly and smoothly over the I-10 freeway.

We will begin construction on the Cypress Ave-
uenue/I-10 Over-crossing by the end of this year.
The new overcrossing is expected to be completed
by mid-year 2009 at a cost of $30 Million.

Citrus Avenue/I-10 Interchange

The Citrus Avenue interchange is scheduled
to start construction when the Cypress Ave-

nuenue Over-crossing is completed. Because the

existing Interchange will be completely re-

moved it will be necessary for Cypress Ave-

nuenue to be open to provide local traffic access
across the I-10 Freeway.

Final Design approval for Citrus Avenue is
schedule for December of 2008. This Inter-
change will break ground in mid year 2009
and take approximately 18 months to com-
plete at a cost of approximately $50 Million.

Cherry Avenue/I-10 Interchange

Cherry Avenue design is a City/County
partnership. At a cost of approximately
$60 Million this project is schedule to begin
construction in the early part of 2010. For
race fans, truck drivers and residents you
can rest easy as the nightmare of travers-
ing Cherry Avenue will soon be over.

While we have taken the initiative to pre-
pare plans and environmental documents
for these projects to be “shelf-ready” we
must remain diligent and continue to fight
for our fair share of Measure I and Prop 1B
funding. The plans are in place but the
work to be done is far from over.

Much more needs to be done and we pledge
to you our continued fight for State and
Federal funding to continue to improve the
lives of our Fontana residents through
these much needed transportation improve-
ments. ASCE
The ASCE San Bernardino & Riverside Counties had their October Luncheon on Wednesday the 24th at Doubletree Hotel in Ontario. The guest speaker was Mr. Wyatt Troxel, President and a member of the Board of Directors of the Inland Empire Utilities Agency (IEUA), and Santa Ana Watershed Project Authority (SAWPA) Vice Chair. He represents District 5, City of Rancho Cucamonga. Mr. Troxel has over 36 year of experience in municipal water and wastewater, and has a lifetime teaching credential from the California Board of Education.

Mr. Troxel, in his “State Water Project” presentation expressed that we are living in an area where the water demand is greater than the natural resources, and it is our responsibility as engineers, planners, practitioners in the field to response to these circumstances occurring at any set of time. He said that Southern California is experiencing a shortage in the water supply due to statewide drought conditions and court decisions affecting the State Water Project Operations.

Last year Southern California got 25% of the natural rain which means that only 25% of the potential natural hydrologic was recharged. We have a deficit of 75% and we keep using water as if it rained 100%. The problem is that we are using the natural resources, and in a couple more years the water might not be there. He suggests that we have to start thinking about what are we doing with the water and how are we using it.

He expressed that we need to make a significant effort to start replacing the use of imported water, potable water for non potable water uses. We need to develop a community ethics that start with municipal ethics that says that we will not use the wrong water for the wrong purposes. Conserve the portable water that we have and replace the use of potable water with recycle water for irrigation, landscape purposes. The recycle water is clean the only difference between recycle water and made recycle water is salt.

The Planning and Engineering group from IEUA are actively involve in addressing the drought. They took their 10 year capital improvement plan for recycle water and made it a 3 year program. The purpose of this 3 year plan is to provide water all the way to Montclair, North into Rancho Cucamonga and further down to Chino and Chino Hills.

Rita Escobar
Newsletter Editor
City of Fontana

ASSISTANT ENGINEER  (TRAFFIC SECTION)
$5276 - $6413/mo plus benefits

DEFINITION: The incumbent will perform professional and technical engineering work within the Traffic Engineering section and perform project management duties for traffic/transportation related projects as assigned.

ESSENTIAL FUNCTIONS: The incumbent must have the ability to:
- Perform traffic collision analysis and make recommendations for mitigation.
- Prepare plans, estimates, and specifications for traffic signal installation, communication conduits, street lighting, intersection and roadway signing and striping and other transportation projects utilizing various computer programs in use at the City.
- Perform plan review of traffic related projects submitted by other engineers, consultants and developers.
- Perform project management for traffic/transportation related projects by coordinating with other City departments, outside agencies and utility companies as necessary.
- Analyze intersections/roadways for capacity improvements using a variety of computer software to include SYN-CRO, Passer II, WEBSTER and HCS.
- Prepare warrant analysis for new traffic signal installations and maintain a City-wide priority list.
- Review traffic control/detour plans in conjunction with new construction.
- Investigate concerns and problems expressed by City staff, other agencies and the general public and recommend appropriate action for resolution of issues.
- Communicate clearly and concisely, both orally and in writing.
- Establish and maintain cooperative working-relationships with those contacted in the course of work.
- Perform any other tasks or functions deemed necessary to the daily operations of the employer.

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

WORKING CONDITIONS: This position requires prolonged standing, sitting, walking, reaching, turning, bending and stooping in the performance of daily activities; also requires grasping, repetitive hand movement and coordination in preparing data and reports using a computer keyboard. Additionally, the position requires near and far vision in reading correspondence and reading data on the computer screen. Acute hearing is required for providing telephone and counter assistance.

EXPERIENCE AND TRAINING GUIDELINES: Incumbent must have knowledge of the basic principles and practices of traffic engineering; modern developments, current literature and sources of information regarding engineering; principles of advanced mathematics and their application to traffic engineering work. Some directly related traffic engineering experience is required.

LICENSES/CERTIFICATES: Possession of and throughout employment a valid Class “C” CA Driver’s License.

EDUCATION: Equivalent to an Associate Degree from an accredited college with major coursework in Traffic Engineering; a Bachelor’s Degree is preferred.

SELECTION PROCESS: May include, but is not limited to Written, Performance and Oral Interview Examinations.


CLOSING DATE: Thursday, December 13, 2007 at 4:30 p.m. Open 11/12/2007
Your Comments, Please

Beginning January 2008, the ASCE monthly Newsletter will include a “Letter to the Editor” section.

Your comments or suggestions about the newsletter are solicited. A brag about a new project your company has landed or a promotion or relocation of an ASCE member are welcome.

All “Letters to the Editor” must be e-mailed to the Newsletter Editor no later than the first of the month. Limit your comments to 200 words.

Questions contact Rita Escobar, Newsletter Editor at rescobar@hfinc.com.
A SHORT COURSE ON
Geotechnical
CONE PENETRATION TESTING

Gregg Drilling & Testing, Inc. is pleased to announce the scheduling of our 2008 short course on cone penetration testing (CPT) in geotechnical site investigations.

COURSE CONTENT
Geotechnical Site Investigation
- Liquefaction Evaluation
- Shallow Foundation Design
- Pile Design
- Other In Situ Tests
- Field Demonstration

COURSE INSTRUCTOR:
Peter Robertson, Ph.D.

Friday - MARCH 7, 2008

HYATT REGENCY - HUNTINGTON BEACH
21500 Pacific Coast Hwy.
Huntington Beach, CA 92648

8:30 a.m. to 5:00 p.m.

Registration/continental breakfast at 8:00 a.m.

Presented by:
Gregg Drilling
Phone: (562) 427-6899
Fax: (562) 427-3314

www.greggdrilling.com

ADDITONAL COURSE LOCATION/DATE -- CONCORD: MARCH 10, 2008 (Note: Both geotechnical & environmental courses offered).
Visit our web site at www.greggdrilling.com/seminars.htm for further details and alternate registration forms.

2008 SHORT COURSE REGISTRATION FORM — HUNTINGTON BEACH

Payment must be received by FEBRUARY 15, 2008 to qualify for early registration.
$195.00 - early registration fee OR $270.00 - late registration fee

COURSE DATE: MARCH 7, 2008

Geotechnical Site Investigation

Attendee Name: ___________________________ Title: ___________________________ Company/Agency: ___________________________
Address: ___________________________________ City, State, Zip: ___________________________
Phone: ___________________ E-Mail Address: ___________________

Payment information must be completed for processing: (Check one)
- My check #_______ in the amount of $_______ is enclosed.
- Charge my credit card in the amount of $_______ [ ] VISA [ ] MASTERCARD
Card number: ___________ Exp. Date: _______
Card Holder Name: ___________________________ Billing Address: ___________________________

Registration fee includes seminar, reference materials, continental breakfast, lunch, break refreshments, and hotel parking. Class size is limited; early registration is advised. On-site registration will be on a space available basis. Gregg Drilling & Testing, Inc. reserves the right to cancel any seminar. If a course must be cancelled, a full refund will be issued. If registrant is unable to attend, a charge of $75.00 for any cancellation within 10 business days of the seminar will be assessed. No refund for cancellation within three business days of the seminar will be offered.
## SAN BERNARDINO & RIVERSIDE COUNTIES BRANCH MEETING

**WEDNESDAY, NOVEMBER 27**

### RESERVATIONS

Scott Petersen  
spetersen@adams-streeter.com  
(951) 352-4100 ext. 206

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### Join us for our November ASCE Meeting

**Date**  
Wednesday, November 27, 2007

**Speaker**  
Celeste Cantu  
General Manager of SAWPA

**Time**  
11:30 am to 1:00 pm

**Location**  
Marie Callender’s  
160 E Rincon St., Corona 92879

**Cost**  
$20 Members with RSVP  
$25 Walk-ins/Non-Members  
$10 Students

**Deadline to RSVP**  
for the November meeting is  
Friday, November 21

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There will be no newsletter in December. Look for your next newsletter in January 2008

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

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