President’s Message

This past February Governor Schwarzenegger declared California’s water supply an emergency. ASCE has been among those advocating for educating our public officials about the needs for infrastructure funding and offering our technical expertise to help shape public policy.

There are increasing opportunities within ASCE to become involved with Legislative Affairs in local and state governments. Part of that process is becoming familiar with those who advocate on behalf of public works projects. One of those individuals is Phil Rosentrater, External Affairs Officer at Western Municipal Water District. We had the pleasure to hear Phil speak to us about how water districts in Southern California are working to meet the demands of our water supply. For more about Mr. Rosentrater’s presentation please see the meeting re-cap on page 4.

Phil Rosentrater reminded us that water conservation is critical to make the most of the water that we have. He also pointed out that California must also push forward with water reclamation projects as the Colorado River and the Delta are experiencing drought conditions. These combined efforts will hold us off until the environmental issues with the Sacramento-San Joaquin Delta reach some sort of compromise.

To learn more about the efforts being made to reach a sustainable water supply in southern California, I encourage you to read the One Water, One Watershed Plan by SAWPA at www.sawpa.org/owow-generalinfo.html. The State Senate and Assembly each have a set of bills that pertain to water efficiency and sustainability of the Delta. Some of these bills are listed on the legislation page on WMWD website at www.wmwd.com/legislation.htm.

Brian D. Wolfe, PE ASCE President, San Bernardino/Riverside Counties Branch of the LA Section of ASCE

HAPPY THANKSGIVING TO ALL!
Julius Walker Adams (1812—1899)

Julius Walker Adams was born in Boston, Massachusetts on October 18, 1812. He attended the United States Military Academy from 1830-31, but, resigned without graduating to start working as an assistant engineer with his uncle, Major George W. Whistler, a well-known railroad engineer, on the Paterson & Hudson River railroad. He then served as assistant engineer of the Stonington & Providence railroad in 1832. From 1836 - 1844, he served as engineer for the Norwich & Worcester railroad, the Western railroad of Massachusetts, the Albany & Schenectady railroad; and the Brooklyn navy yard, consecutively. From 1845, he served as Superintendent Engineer for the New York & Erie railroad (later to be called the Erie railroad). He was also the engineer for the Cochituate water works of Boston, Massachusetts in 1846. During his time with the New York & Erie railroad, he designed the stone arch Star-rucca Viaduct, James P. Kirkwood, who was the construction engineer for the railroad, completed its construction by 1848. In 1851, Adams became editor of Appleton's Mechanics' Magazine and Engineers' Journal.

In 1852, Adams became one of the founders of ASCE and helped to draft ASCE's first Constitution. He served as Director in 1853 and 1878; Vice-President from 1868-1873, and President from 1874-1875. Adams was elected Honorary Member of ASCE in 1888. Adams was also the American editor of Templeton's Engineer, Millwright, and Mechanics' Companion -Report on the Pollution of Rivers, published by the New York Academy of Sciences in 1875. In 1880 he wrote the first comprehensive treatise, Sewers and Drains in Populous Districts, on the sewerings of towns issued in America. He also presented a report to the New Jersey state board of health entitled On the Disposal of Sewage in Cities in 1883.

Adams was the son of Eli and Sarah Delano (Swift) Adams. He married Elizabeth Denison in 1835 and had five sons and three daughters. He died in Brooklyn, New York on December 13, 1899.

In 1852, he moved to Kentucky to become the chief engineer for the Lexington & Danville railroad of Kentucky. One year later he gave a presentation to the members of the American Society of Civil Engineers (ASCE) entitled Lexington and Danville Railroad Suspension Bridge over the Kentucky River. He then became the chief engineer for the Mem-phis & Ohio railroad in 1855. In 1856, he switched from railroad engineering to design and supervised the first large scale urban sewer system in the United States. This system was developed for Brooklyn, New York. In 1860, Adams became engineer for the water works in New Haven, Connecticut. With the start of the Civil War, he became a colonel in the 67th New York Volunteers and served in Army of the Potomac. He was wounded in the 1862 battle of Fair Oaks, Virginia and resigned from army to return to Brook-lyn. During the New York Draft Riots in 1863, he commanded a body of armed citizens who defended New York Times and Tribune offices (whose newspapers published the names of those selected for service) from the mobs that roamed the city.

In 1864, he was also one of the first to propose the building of a suspension bridge over the East River. Later, he served on the panel of consultants that John A. Roebling assembled to review his Brooklyn Bridge proposal. After the war, Adams went back to engineering and served as chief engineer for the Brooklyn Department of City Works from 1869-1877. During this time (1875), he also took the time to examine the sewer system for the city of Providence, Rhode Island. He then served as the construction engineer for the New York City Department of Public Works from 1880-1886. Finally, his last major position was as director of the Panama railroad from 1888-1893.
City brings wind power to the mall
Palmdale, Calif., hopes to cash in on its blustery weather by encouraging shopping centers and business parks to put small wind turbines in their parking lots. The towers, which would be fitted atop existing lighting towers, should help companies cut their operating costs. One turbine operator says a new 17-turbine installation at Sam's Club will cut the store’s energy bill by around 5%, "depending on how the wind is blowing." *Los Angeles Times* (10/20)

California corridor needs community, government support, expert says
Major infrastructure developments that aim to improve the movement of goods need community and business support to move ahead, according to planning expert Mark Pisano. Pisano, a senior fellow at the University of Southern California, noted that a rail corridor transformed the ports of Los Angeles and Long Beach into a prominent intermodal gateway -- an effort involving support from shippers, local communities and the federal government. He said the same approach is needed to develop the proposed Alameda Corridor East in California, which also aims to boost the efficiency of moving containers. *The Journal of Commerce* (10/22)

Los Angeles officials approve $298B transportation plan
The Los Angeles County Metropolitan Transportation Authority this week approved a plan aimed at improving public transportation and reducing traffic congestion. The $298 billion plan includes a subway extension and a variety of freeway improvements, among other things. Federal stimulus money and a sales tax will help fund the projects. *Daily News (Los Angeles)*

Study: California top state for energy efficiency
California took top honors for the most energy-efficient state, according to the American Council for an Energy Efficient Economy. Massachusetts came in second in the rankings, and other East Coast states were in the top 10. Wyoming came in last place for energy efficiency, but other Western states such as Colorado and South Dakota earned the honor of "most improved." *The New York Times/Green Inc. blog* (10/21)

Upstarts float proposals for L.A.-Las Vegas rail system
Tubular Rail’s proposal for a high-speed rail system that would link Los Angeles and Las Vegas calls for the train to travel through magnetic rings supported by pillars. The plan was one of several proposed at a forum held recently in Las Vegas. Bidder America's Sunlight Bullet Expressway’s proposal included a transport system running underneath a roof-like structure mounted with solar panels. *The Register (U.K.)* (10/22)

Linking Vegas to SoCal: Rail plans discussed
A public meeting was held on Monday to present ideas for a rail that would whisk passengers from Las Vegas to Southern California. Proposals include a $4 billion steel-wheels-on-rails system that would go from Las Vegas to Victorville, Calif., and a $12 billion maglev train that will travel between Las Vegas and Anaheim, Calif. Plans for three high-speed rails -- SolaTrek, Tubular Rail and the Sunlight Bullet Expressway -- will be heard next. *Las Vegas Sun* (10/19)
October Luncheon Meeting Recap

The branch was pleased to welcome Phil Rosentrater an External Affairs Officer with Western Municipal Water District (WMWD) to our October branch luncheon at Mexicali Bar & Grill in Riverside. WMWD provides water supply, wastewater disposal and water resource management to roughly 24,000 retail and eight wholesale customers with water from the Colorado River, Northern California via the State Water Project and groundwater supplies within the Murrieta Division. Phil spoke to us about how Water Districts in Southern California are working to meet the demands of our dwindling water supply.

Phil stated that WMWD’s legislative platform calls for concurrent action on three top initiatives necessary to maintain the District’s mission amid unprecedented threats:

Western is developing a legislative proposal for Flexible Water Use Efficiency achieving watershed sustainability. Action to assert this initiative is underway with SB 261 (Dutton/Ducheny)

Implementation of desalination, conjunctive use projects, cleanup and recharge of groundwater will require aggressive regional diplomatic negotiation and fierce legislative advocacy to protect revenue streams from state raids. The governor and legislators must understand that a water crisis is the worst time to steal water infrastructure funds from local taxpayers. Action to reinforce this defense is underway.

The top long-term priority for Western is restoring the Delta conveyance as this action will result in the greatest amount of water delivered for the greatest number of people, farms and industries. Achieving reliable conveyance requires bypass surgery in the Delta, securing safe separation between drinking water, endangered species and intrusive salt water in the event of a major earthquake or eventual rise in ocean levels. Action to secure this long term solution is already underway.

Phil also reminded us that water conservation is a must: Southern California receives an average rainfall of about 15 inches annually. Two-thirds of our water supplies must be imported. With the average Southern California family using about 450 gallons of water daily, it pays to conserve - not only for the environment, but for your pocketbook as well.

Visit www.wmwd.com/projects.html for regional projects that will create cleaner, more reliable local water supplies while reducing dependence on imported water.
ASCE Consulting Engineering Practice Survey 2008 - 2009

This is a reminder that ASCE needs your help to finish improving Manual No. 45, *How to Work Effectively With Consulting Engineers*, which provides guidance on procuring engineering services for a quality project. In order to provide the most accurate information on compensation for engineering services, it is critical that we obtain a broad response of actual project data. We are asking principals and project managers to submit one survey per office, but to provide information on several of your projects. The survey is available at [http://www.asce.org/m45](http://www.asce.org/m45). Please share this link with others in your office who may need to provide information to complete this survey.

The survey is completely confidential and only ASCE staff will have access to individual survey responses and contact information. Each respondent who submits a completed survey before November 30, 2009 will receive a $10 discount on the purchase of any ASCE publication.

If you have any questions or would like information on an alternate method to submit the survey, you may call Becky Waldrup, Manager, Professional Practice at 800-548-2723, ext. 6281 or send an e-mail to rwaldrup@asce.org.

Thank you for your help,

and thank you to all of you who have already submitted your completed surveys. Previous respondents were entered into a drawing for an iPod Nano, which was awarded to ASCE member Timothy Granata. For more information on the current edition of Manual 45 and other ASCE Manuals of Practice visit [ASCE Publications - Manuals of Practice](http://www.asce.org/m45).

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**Advertising Rates**

Approximate number of mailings: 800 per month.

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<td>Professional Directory</td>
<td>$250</td>
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<tr>
<td>Per Business Card (10 issues)</td>
<td>$250</td>
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<tr>
<td>Display Ads Full Page (per issue)</td>
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<td>1/2 Page (per issue)</td>
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<td>1/4 Page (per issue)</td>
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**Advertising Information:**

To place ads, contact the editor.

Payments are due 30 days from the date of publication. Copies must be received by the Editor by the 3rd Thursday of the month prior to publishing.

For Billing information contact: Rita Escobar at 714-567-2498 Email at rita.escobar@aecom.com

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**Newsletter Information**

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subscription rate: $45 (included in section dues).

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**POSTMASTER:**

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ASCE – San Bernardino & Riverside Counties Branch
Monthly Lunch Meeting

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:

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

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

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

**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 ___
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Contact Name: _________________________________________
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_____________________________________________________
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PLEASE FAX or EMAIL to: Rita Escobar (Branch Treasurer)
Phone: (714) 567-2498 or Fax: (714) 567-2441
Email: rita.escobar@aecom.com
You will be invoiced for payment by ASCE / So. Bdo & Riv. Branch
ASCE's Updated Identity

What does ASCE mean to you? When you think about your connection to the Society, what comes to mind? What are your highest aspirations for our profession and the organization that serves it?

For nearly two years, ASCE has been asking these and other questions of its members. Embracing the answers that you gave us, we are proud to unveil the refreshed version of our logo.

Plus, you'll notice that the benefits you enjoy throughout the membership year are separated into four new categories that represent the core areas used to filter ASCE’s information and resources. The four "sub-brands," which form the major pillars of ASCE's work, include:

1. **Knowledge & Learning**
   
   Today's engineers possess skills beyond technical mastery - they are inspiring communicators capable of driving people, projects, and our society forward. ASCE sets and upholds critical civil engineering standards and showcases excellence through industry awards and recognition. Look to ASCE for the tools and exposure you need to become a complete civil engineer, ready to advance the integrity and impact of our profession.

2. **Leadership & Management**
   
   Connect to your fellow members locally, technically, and globally to stay in touch with the premiere network of civil engineers in the world. Your bond with ASCE goes beyond professional relationships - it's personal, too. Whether it's exciting the next generation of engineers or reaching out to developing economies, becoming an active participant in the ASCE community illuminates the purpose of our work.

3. **Membership & Community**
   
   As the principal champion for our profession, ASCE's role as the safeguard for the nation's infrastructure is one we take very seriously. We work constantly to inform and educate the public and lawmakers about key civil engineering issues and give you the opportunity to ensure that your opinion, and the voice of the profession, is heard.

4. **Issues & Advocacy**

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If you have a business card advertisement in this newsletter and would like your company or public agency “Spotlighted” in future newsletters please contact the Branch Newsletter Editor, Francis Gbondo, at (951)790-9548 email: fjgbondo@yahoo.com or the Treasurer, Rita Escobar, at (714) 567-2498 email: rita.escobar@aecom.com
Become an ASCE Key Contact

Did you know...

... you live in a strategically important place for civil engineering?
Your Congressperson might be an ASCE Priority Legislator in the 111th Congress. ASCE Priority Legislators currently serve on one of several committees in Congress that most frequently deal with civil engineering-related issues.

... that ASCE can help you learn how to influence public policy?
ASCE Key Contacts make up the Society’s grassroots advocacy efforts. Key Contacts receive Key Alerts letting them know when legislators need to hear from civil engineers about issues of importance to the profession. Key Contacts stay ‘in the loop’ with the weekly This Week in Washington email newsletter that provides the latest legislative and regulatory news affecting civil engineering at the federal and state levels.

ASCE has established a goal of 20 percent Key Contact membership in each of the 185 legislative districts across the country represented by Priority Legislators.

... that you can help ASCE reach its Key Contact membership goals?
Help ASCE meet our goal of reaching 20 percent Key Contact membership in your district - Become a Key Contact TODAY!

For more information and to sign up online visit http://www.asce.org/keycontacts

Learn more about your legislators using ASCE’s Click and Connect with Congress advocacy website - simply enter your zip code or state in the box marked "Find Your Officials" and click GO.

** Please forward this message to a fellow ASCE member who might live in the same Congressional district as you! Thanks! **

ASCE Government Relations

Washington Office
101 Constitution Avenue, NW
Suite 375 East
Washington, D.C. 20001
govwash@asce.org
202-789-7850
You May Have Your P.E., But Do You Know Your PR?

PR University is Back!

Attend ASCE’s ‘PR University’ — a highly interactive workshop for civil engineers who want to learn more about how to incorporate public relations into their ASCE and professional activities.

Learn techniques and practical strategies for effective communications through presentations and hands-on PR activities. Topics covered will include media relations and public presentations. A guest speaker from the media will also be on hand to give attendees the newsroom perspective. (Click here to view a sample agenda from a previous workshop.)

Each attendee will receive a *PR Toolkit* reference guide to help bring the tools from the communications classroom to the civil engineering profession. Part ‘how to’ manual and part resource guide, this *Toolkit* provides a practical reference on public relations for civil engineers.

The workshop will take place Monday, December 7, from 8:00 a.m. to 5:00 p.m. at ASCE Headquarters in Reston, Va. Space is limited, so please submit your application early. Scholarships: ASCE offers a limited number of scholarships covering tuition and travel (following ASCE’s standard reimbursement policy) to participants who represent an ASCE Section, Branch or Institute. The deadline for applications is COB Wednesday, November 11.

For more information, or to request an application, please contact: Karen Albers kalbers@asce.org

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**Branch Calendar of Events**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>RSVP Information</th>
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<tbody>
<tr>
<td>Stormwater Committee Dinner</td>
<td>Wednesday November 11, 2009</td>
<td>6 p.m.</td>
<td>Mexicali Bar &amp; Grill 1690 Spruce St. Riverside, CA 92507</td>
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<tr>
<td>Stormwater &amp; Drainage Law By BB&amp;K LLP legal staff</td>
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<td>RSVP by November 6, 2009</td>
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<tr>
<td>Greenbook Seminar – Standard Specifications for Public Works Construction</td>
<td>Friday November 13, 2009</td>
<td>8 a.m. – 4 p.m.</td>
<td>Fairmount Park – Lakeside Room 2601 Fairmount Blvd. Riverside, CA 92501</td>
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<tr>
<td>Contact: Sandy Aghdam – <a href="mailto:SandyA@LAEassociates.com">SandyA@LAEassociates.com</a></td>
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<td>RSVP by November 6, 2009</td>
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<tr>
<td>Branch Monthly Luncheon Assemblyman – Bill Emmerson Inland Empire Transportation Issues</td>
<td>Friday November 20, 2009</td>
<td>11:30 a.m. – 1:30 p.m.</td>
<td>Old Spaghetti Factory 11896 Foothill Blvd. Rancho Cucamonga, CA 91730</td>
<td>RSVP by November 18, 2009</td>
</tr>
</tbody>
</table>
Greenbook Seminar
Standard Specifications for Public Works Construction

Friday, November 13th, 2009
8:00 a.m. - 4:00 p.m.
(7:30 a.m. Registration)

Fairmount Park – Lakeside Room
2601 Fairmount Boulevard, Riverside, CA 92501
Map Attached

This Seminar is Designed to

- Promote the proper use and understanding of the Greenbook
- Highlight and discuss the various general provisions, their relationship to the Public Contract Code and their implementation during contract administration
- Address the use of the Greenbook as the Standard Specifications for most public works projects through proper preparation of complementary special provisions.

Instructors

Erik Updyke
Los Angeles County Public Works

Jerry Ellison
City of Los Angeles (retired)

Dave Badgley
Sancon Technologies, Inc.

Nelson Nelson
City of Corona

FIRST COME, FIRST SERVED - LIMITED TO 60 ATTENDEES

Registration Cost: $120.00 per person. Continental breakfast and lunch included.
$160.00 per person if reservations are made after November 6, 2009
Registration fee must be received prior to event.
ONLY business or personal checks accepted – NO CREDIT CARDS ACCEPTED

Name of Attendees:

_________________________  __________________________

Total Number Attending:  Amount Enclosed: $____________

Contact Name:  Contact Phone Number:  

Contact Email: 

Make Checks Payable to: APWA
Send Reservations & Payment to: LAE Associates Inc.
Attention: Ms. Sandy M. Aghdam
20709 Golden Springs Drive, Suite 104
Diamond Bar, CA 91765

E: SandyA@LAE Associates.com
T: 909.595.3760
F: 909.595.9484
If you’d like to have your business card or company information listed in the Professional Directory, please contact:

The Branch Treasurer, Rita Escobar, at (714) 567-2498 or email at rita.escobar@aecom.com

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 https://www.asce.org/ to 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 https://www.asce.org/renewal/online. 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.
Mark Your Calendar
Assemblyman Bill Emmerson—Luncheon Discusses Inland Empire Transportation Issues.

Branch Luncheon
Date: Friday November 20, 2009
Time: 11:30 a.m. to 1:00 p.m.
Location: Old Spaghetti Factory
11896 Foothill Blvd.
Rancho Cucamonga, CA 91730
Cost: $30 Members, $35 Non Members and $15 for students
Deadline: November 18, 2009
Speaker: Assemblyman Bill Emmerson

Stormwater Committee Meeting
Date: Wednesday November 11, 2009
Time: 6:00 p.m.
Location: Mexicali Bar & Grill
1690 Spruce St
Riverside, CA 92507
Cost: Members $35, Non Members $40, (All others without RSVP $45)
Deadline: November 6, 2009

We’re on the web:
http://www.asce-sbriv.org/