

NEWS

ACEC

American Council
of Engineering
Companies
of Oregon

April 2002

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Member of the
American Council of
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Washington, DC



QBS CHANGES AND PUBLIC AGENCY REACTIONS TOPIC FOR MAY DINNER

Jim Marvin and Senator David Nelson will speak; National Engineering Excellence projects to be honored.

On July 1st the new Qualifications Based Selection (QBS) law will change public contracting procedures for local governments. In the past six months, ACEC Oregon members have made presentations to local government audiences around the state concerning HB 2014 and QBS in general.

On May 1st ACEC Oregon members will learn the reactions to the new law from local governments. ACEC Oregon Lobbyist **Marshall Coba** and other presenters will discuss questions raised during the QBS presentations and possible new legislation to be introduced in January. In addition, **Jim Marvin**, Marvin Chorzempa & Associates, will talk about his work on the Public Contracting A&E subcommittee.

Senate Majority Leader **David Nelson**, R-Pendleton, will wrap up the program by sharing his efforts to maintain a Republican majority in the Senate.

With only a slim 16-14 majority and facing elections in newly drawn districts, Nelson is in charge of the caucus campaign efforts. Nelson has been a supporter of ACEC Oregon issues and is an engaging and sincere politician. He is a leading candidate to be the next Senate President if the Republicans keep control of the Senate. Learn firsthand the opportunities and challenges facing legislative candidates this year.

National Engineering Excellence projects will also be honored.

What: "QBS Changes and Public Agency Reactions"

When: Wednesday, May 1st

- 5:30 P.M. Social Hour
- 6:30 P.M. Dinner
- 7:30 P.M. Program
- 8:45 P.M. Conclusion

Where: Embassy Suites, Fireside Room
319 SW Pine Street, Portland

Registration deadline is Friday, April 26th.

ACEC Oregon

Registration Form QBS CHANGES AND PUBLIC AGENCY REACTION

Wednesday, May 1st • Embassy Suites (downtown) • 319 SW Pine Street • Portland
• 5:30 P.M. Social Hour • 6:30 P.M. Dinner • 7:30 P.M. Program • 8:45 P.M. Conclusion

Cost: • \$40 for members & their guest(s) **If your firm is a member, then you are a member.**
• \$50 non-members
(Please duplicate this form if registering more than three people.)

Name: _____
Indicate your entree: pot roast crab cakes vegie

No. of ____ member(s)
@ \$40.00 = \$ _____

Name: _____
 pot roast crab cakes vegie

No. of ____ non-mbr(s)
@ \$50.00 = \$ _____

Firm Name: _____

Total Amount

Guest Name: _____
 pot roast crab cakes vegie

Enclosed: \$ _____

MAKE CHECKS PAYABLE TO ACEC OREGON.

Mail check and registration form (or fax form & mail check) for receipt by April 26th to:
ACEC OREGON, 5319 SW Westgate Drive, Suite 221, Portland, OR 97221-2411
phone 503/292-2348 • fax 503/292-2410 • e-mail: mwebber@acecOregon.org

Cancellations must be received on or before the registration deadline to receive a refund.

FROM THE PRESIDENT

The ACEC Oregon board has lost the experience of one board member recently and we will be losing another at the end of April.

Rick Lubbers (CH2M Hill) has accepted a position in Denver as CH2M Hill's Global Transportation Director. Rick most recently initiated our college scholarship program. We will miss his experience on the board and his championing of the scholarship program.

Gary Katsion is going "North to Alaska" the first part of May to help his wife, Kim, with the guide business. He will leave behind some big shoes to fill. His leadership on the board and chairing the legislative committee has been much appreciated. Gary has led the charge on QBS, speaking to many groups around the state and has been at the forefront of our QBS educational efforts.

The scholarship committee, chaired by Cynthia Lowe, has selected the initial student to receive our first scholarship. Since the student has not yet been notified, I'll wait until that occurs to discuss the details.

The February board meeting and reception was held in Eugene at OBEC Consulting Engineers' office. It was good to meet some representatives of the local non-member firms and OBEC's staff. Thank you, Bill Hall and the OBEC staff for your hospitality.

The next morning the board met with many representatives of nearby cities and counties to listen to Katsion's QBS presentation. Many of the agency questions were answered; we still need to help answer the agencies' question on what funding sources make up the 35% state funds allocated to a project.

Since this is the season that many legislative candidates are seeking donations, it is an ideal opportunity to ask where the candidate stands on QBS and make your decisions appropriately.



Don Klierer

Engineering Excellence Awards 2002

OTAK TAKES NATIONAL HONOR AWARD

Twenty-four firms from around the country receive top national awards from a pool of 155 entries this year.

Roger Millar of Otak was on hand to personally accept his firm's national Honor Award for their Portland Streetcar project at ACEC's Engineering Excellence awards gala held March 12th in Washington, D.C. The award was one of sixteen Honor Awards presented that evening.

The Portland Streetcar is an opportunity to link 21st century Portland with its streetcar heritage. It will play an important role in the future of the Central City by providing local public transportation and connections to the regional transportation system, linking reemerging neighborhoods, and facilitating the development or redevelopment of employment and activity centers.

Otak led a dynamic, multidiscipline team on the planning efforts that helped to implement the project. Engineering efforts were led by Otak and BRW for different segments of the project. By connecting the rapidly-growing upper reaches of the Northwest Portland area to the Central City, the streetcar facilitates the anticipated growth of the Northwest 23rd Street business district while providing a connection to the existing Montgomery business park and surrounding neighborhoods.



Otak's Portland Streetcar project wins national Honor Award.

FIVE OREGON FIRMS RECEIVE NATIONAL RECOGNITION AWARDS

Bechtel Construction Company/David Evans and Associates, Inc.

Portland Airport MAX Light Rail Project

Airport MAX Extension is a unique public/private venture, and adds 5.5 miles to Portland's light rail system with four new stations, including one at the airport terminal. The project is an exceptional model for public/private partnerships. Three local government agencies — the Port of Portland, Tri-Met, and the City of Portland — were party to the unique private investment proposal brought forward by Bechtel, which gave the region an opportunity to extend light rail to the airport more than a decade earlier than originally anticipated. Using design/build and fast-track construction techniques, the project took less than three years from the start of final design to opening day. **Lyn Wylder** from **David Evans and Associates, Inc.** and a representative from **Bechtel Construction Company** accepted the award.

(continued on page 3)

FIVE OREGON FIRMS RECEIVE NATIONAL ENGINEERING EXCELLENCE RECOGNITION AWARDS (continued from page 2)

Kennedy/Jenks Consultants, Subsurface Wastewater Discharge Klickitat County needed to construct a new sewer system to resolve public safety concerns and accommodate future development. The effluent collection, treatment and disposal system will meet current and future water quality requirements, protect and enhance the environment, and provide for future water treatment needs in a safe, environmentally friendly way. This approach has great potential for use in other wastewater treatment systems that discharge to rivers with endangered species. Furthermore, the project routes safe, high-quality water to the river, where it helps to replenish stream flows for salmon and is completed without underwater construction, thus saving the community money by avoiding expensive underwater construction techniques.

KPFF Consulting Engineers, Eastbank Esplanade
The Esplanade includes a bioengineering riverbank design that uses 100% natural materials and recycles existing rip-rap into an environmentally friendly system. The project also includes innovative riverbank stabilization practices and efforts to mitigate impacts to endangered steelhead and other aspects of migrating fish. The Eastbank Esplanade serves as a model to the engineering profession for riverbank development and revitalization across the country. This approach has great potential for use in other wastewater treatment systems that discharge to rivers with endangered species and saved the community money by avoiding expensive underwater construction techniques.

KPFF Consulting Engineers, Evergreen Aviation Museum
The 121,000-square foot museum houses Howard Hughes' legendary HK-1, also known as the "Hughes Flying Boat" or "Spruce Goose," and a collection of two dozen vintage aircraft. The facility stands 125 feet tall at its peak. The roof structure consists of four, 360-foot-long gabled roof trusses with clear spans of 276 feet. The south wall is an enormous glass curtain wall braced for wind loads by vertical trusses up to 100 feet tall. The museum will also include state-of-the-art aviation training and educational facilities, along with separate conference and banquet facilities to accommodate a variety of special functions.

Miller Consulting Engineers
Vernon Elementary School MCE Rehabilitation System©
Ron Vandehey of **Miller Consulting Engineers** accepted his firm's award for the Vernon Elementary School MCE Rehabilitation System© for which Miller created a new and innovative method for seismically strengthening cavity walls. The new method, called the Masonry Composite Earthquake (MCE) Rehabilitation System, braces the cavity walls more cost-effectively and in less time than traditional approaches. The new method fills the cavity between the walls with expanding, flowing urethane which bonds to all the interior surfaces of the wall. When the foam hardens it has the structural properties to support the clay tile walls, making them more resistant to failure during a seismic event. This new method saved Portland Public Schools more than 75% compared to traditional methods.



National Engineering Excellence Awards, Washington, DC:
Pictured, from left: Roger Millar (Otak), Jack Beemer (David Evans and Associates, Inc.), Ron Vandehey (Miller Consulting Engineers) and Alison Davis (ACEC Oregon).

OBEC Consulting Engineers, Rogue River Pedestrian Bridge
OBEC developed a unique "stress-ribbon" type bridge design that met the key design criteria while providing an architecturally elegant bridge. Keeping piers, shoring, and falsework out of the main channel was imperative to satisfy environmental, economic, aesthetic, hydraulic, and public involvement concerns. The result is a stunningly beautiful pedestrian/bikeway bridge spanning a pristine reach of the scenic Rogue River. In addition to providing a critical pedestrian/bikeway link, the structure may be used for vital emergency vehicle access and also carries city water and sanitary sewer pipelines across the Rogue River.

COMMITTEE ROSTERS 2002: CORRECTIONS/UPDATES

The Committee Roster which appeared in this newsletter's February 2002 edition inadvertently left out a few names. Below are updates to that roster. To view and print a complete roster, go to www.acecOregon.org and click on "Committee Rosters."

SCHOLARSHIP COMMITTEE

New Chair: Cynthia Lowe / Parsons Brinckerhoff
(Replaces Rick Luebbers, CH2M Hill, Inc.)
Add'l Members: Julia Kuhn / Kittelson & Associates, Inc.
Jennifer Belknap / URS Corporation

ACEC OREGON/CORPS (U.S. Army Corps of Engineers)
Add'l Members: Andy Vessely / Cornforth Consultants, Inc.
Steve Walker / HDR Engineering, Inc.
Jon Dasler / David Evans and Associates, Inc.

ACEC OREGON/ODOT (Oregon Dept. of Transportation)
Add'l Members: Troy Bowers / Murray, Smith & Associates, Inc.
Ed Chamberland / W & H Pacific
John Ferguson / David Evans and Associates, Inc.
Marc Butorac / Kittelson & Associates, Inc.

2002 ANNUAL CONVENTION

May 12-15, Las Vegas, Nevada

Rio Suite Hotel & Casino

Earn up to 16 CPD credits.

CONVENTION SAMPLING

- ◆ Saturday, May 11 (optional)
 - ACEC/PAC Golf Tournament
 - Peer Reviewer Training
 - NACECE Management Seminar
- ♣ Sunday, May 12
 - ACEC/PAC Off Road Adventure
 - CEO Roundtables
 - Small Firm Council Meeting
 - ACEC/PAC Auction & Dessert Party
- ♥ Monday, May 13
 - ACEC/PAC 5K Fun Run/Walk
 - "To Engineer is Human," Henry Petroski Luncheon
 - Keynote: Donna Shirley
 - Concurrent Sessions. *Choose from:*
 - "12 Steps to Higher Fees"
 - "Increasing Production and Profits without Increasing Payroll"
 - "Re-engineering Client Relationships"
 - "How to Win Loyal Clients with Superior Service"
 - "September 11: Structural Analysis"
- ♠ Tuesday, May 14
 - Legal Counsels Forum
 - Private Sector Markets Conference
 - Concurrent Sessions. *Choose from:*
 - "Value-Based Pricing"
 - "E-Government: What's In it For You"
 - "Effective Technology for Partnering"
 - "The Art of Principal Compensation"
 - "Small Firm Information Technology"
- ♥ Wednesday, May 15
 - Concurrent Sessions. *Choose from:*
 - "Emotional Intelligence: The Key to Leadership Success"
 - "Financial Management 101"
 - "Balanced Contractual Risk Allocation"
 - Closing General Session: "Live Out Loud" with Amanda Gore
 - ACEC/PAC Donor Reception

For more information about ACEC's 2002 Annual Convention programs and registration, please go to ACEC's web site at www.acec.org and click on "view convention registration brochure."

Help elect a Congress that will improve the engineering business environment....

JUST \$100 PER PRINCIPAL WOULD PROVIDE NEEDED FUNDING

by ACEC/PAC Trustee Ray Miller, Miller Consulting Engineers

As your ACEC/PAC Trustee, I am writing to urge your support of ACEC/PAC's spring fundraising initiative – the "Fantasy Trip."

At the national level, ACEC has been working to help member organizations be able to do business both locally and worldwide through the ACEC legislative program. Working with government agencies and meeting with members of congress to help the engineering community takes time and money.

ACEC has a PAC which helps to finance this effort. The ACEC/PAC is currently undergoing a fund raising campaign. Presently, the "Fantasy Trip," a free week in the Bahamas, at John Foster's beach home, is being offered through a lottery draw at the Las Vegas meeting.

The drawing will be held on Wednesday, May 15, 2002 at the breakfast during the spring convention in Las Vegas, Nevada. You need not be present to win. Also at the Las Vegas meeting will be an auction, a golf tournament, a 5K run/walk, all to help raise funds for ACEC/PAC. If each principal of a member firm contributed \$100 per principal, the ACEC/PAC would have the funding it needs to promote and develop the relationships with government agencies and the world market.

Supporting ACEC/PAC is a smart and cost effective business decision. It offers you, as a member, an opportunity to combine your money with contributions from fellow members to have a significant impact in Congress. The funds raised are given to individuals who have our personal and business interests in mind. Our goal is to elect pro-infrastructure, pro-business House and Senate members. If you are interested in the one-week free trip to the Bahamas with \$200 spending money or any of the other fundraisers in Las Vegas, please contact **Raymond T. Miller** at (503) 246-1250. Thank you for your generosity and much needed support. You are helping to elect a Congress that will improve the engineering business environment.



Viva Las Vegas!

AMONG OURSELVES...

The ACEC Oregon Board of Directors is pleased to announce the following new member firms. Please welcome...

Anderson Consulting Services, P.O. Box 928, La Grande, Oregon 97850, phone 541-962-1535, fax 541-963-4974, e-mail sanderson@eoni.com. Principal is **Stephen C. Anderson, P.E.** Anderson Consulting Services provides civil, structural and construction engineering services, planning studies, rate studies, feasibility studies, municipal engineering work including contracting consultation and negotiating assistance, project funding development and public informational development and assistance.

Consultech NW, LLC, 1605 NE 52nd Avenue, Portland, Oregon 97215-3317, phone 503-236-3134, fax 503-238-1344, e-mail tshanahan@consultechnw.com. Principal is **Timothy A. Shanahan, P.E.** Consultech NW, LLC is a mechanical engineering firm specializing in design of commercial and industrial HVAC, plumbing and process piping systems. Areas of interest include architectural engineering, process automation, energy analysis, energy conservation and mechanical system failure analysis.

Parametrix, Inc., 700 NE Multnomah, Suite 1160, Portland, Oregon 97232, phone 503-233-2400, fax 503-233-4825, www.parametrix.com. Principals are **Brian Bierwagen, P.E.** (firm representative), **Mel Sears, P.E.**, and **Gayla Reese**. General fields of practice include civil engineering, transportation planning and design, water/wastewater design, environmental sciences, land use planning, public involvement and surveying. Corporate headquarters are located in Sumner, Washington.

Synnovation Engineering, Inc., P.O. Box 68103, Oak Grove, Oregon 97268-0103, phone/fax (503) 820-0427, e-mail Lou@syneng.com, www.syneng.com. Principal is **Lou Bilancia, P.E.** Firm activities: Forensic engineering services including electrical, electronic, and high-tech failure reconstruction and plain-English high-tech expert testimony; electronic design services including analog, digital and embedded systems design, industrial and manufacturing controls; consulting engineering services including high-tech patent consulting, Quality System Design Controls, reliability engineering and qualification, and failure modes and effects analysis (FMEA).



Degenkolb Seattle is on the move. Their office has relocated to 1325 Fourth Avenue, Suite 530, Seattle, Washington 98101.

HDR Engineering, Inc. is pleased to announce that **Claude Sakr, P.E.**, recently joined the company's transportation team in Portland as the Bridge and Roadway Manager. Sakr has nearly 20 years of experience as a program and transportation project manager, much of that time spent with the Oregon Department of Transportation where he worked on a variety of complex and technically challenging multi-million dollar transportation improvement projects.

Steam Engineering Inc. has relocated to 11818 SE Mill Plain Boulevard, Suite 309, Vancouver, Washington 98684, phone 360-260-8655 or 503-644-8655, fax 360-260-3820, web www.steamengineering.com.

ACEC OREGON STORMS CAPITOL HILL FOR CONSULTING CONGRESS DAY

More than 1,000 ACEC members traveled to Washington, D.C. March 11-13 for ACEC's Consulting Congress Day (CCD).

Alison Davis (ACEC Oregon Executive Director) was accompanied by **Jack Beemer** (David Evans and Associates, Inc.) and **Ron Vandehey** (Miller Consulting Engineers) to appointments with all seven members of Oregon's congressional representatives.

The following action was requested during meetings:

- Oppose TRAC legislation which would effectively shut down all government outsourcing indefinitely.
- Support of S 1961, *The Water Investment Act of 2002*, which would provide a total of \$35 billion over five years for the Clean Water and Safe Drinking Water State Revolving Fund programs.
- Support of S 1917 and HR 3694, *The Highway Restoration Act*, which would restore core highway funding in the 2003 budget to, at a minimum, the level authorized by TEA-21 (\$27.7 billion).
- Support of HR 3678, ACEC's legislation to reform the Fair Labor Standards Act to clarify the exempt status of engineering professionals within member firms.



The group met with all of Oregon's congress members:

- Representative David Wu, 1st District
- Representative Greg Walden, 2nd District
- Representative Earl Blumenauer, 3rd District
- Representative Peter DeFazio, 4th District
- Representative Darlene Hooley, 5th District
- Senator Gordon Smith
- Senator Ron Wyden

Mark your calendar...

April

Tuesday 23rd

Joint program with SMPS (Society for Marketing Professional Services)
"Qualification Based Selection"

A luncheon discussion

11:30 A.M. to 1:30 P.M.

Multnomah Athletic Club

Thursday 25th thru Friday 26th

Board of Directors Meeting and

QBS Educational Breakfast Program

Seven Feathers Hotel & Casino Resort
(in Canyonville, south of Roseburg)

May

Wednesday 1st

Membership Dinner Meeting

"QBS Changes & Public Agency Reactions"

Embassy Suites, downtown Portland

Sunday 12th thru Wednesday 15th

ACEC National Meeting

Las Vegas, Nevada

Wednesday 22nd

Board of Directors Meeting

URS Corporation, Portland

Wednesday 29th

Business Dinner Meeting with

annual reports from committee chairs

Urban Wine Works

NW 16th & Everett, Portland

June

Thursday 20th

QBS Educational Luncheon program
and Board of Directors Meeting

Hood River

Wednesday 26th

Networking Day: Golf (or Tennis) and
Dinner at Langdon Farms Golf Club



Register TODAY for dinner program
"QBS Changes & Public Agency Reactions"
May 1st; see front page for details!

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