
FROM THE PRESIDENT

by Cynthia Lowe, P.E.

This spring has been busy between ongoing discussions with OBDP and ODOT in addition to our legislative efforts to protect and improve QBS. While each of these issues has required significant time commitments from our members, I will attempt to provide a brief update on each one.



**Cynthia Lowe
Parsons
Brinckerhoff**

On March 15, ACEC Oregon met with OBDP for more than four hours to discuss our concerns regarding their contract terms and conditions. While our comments covered several pages, most of the comments related to one of four major issues:

- 1) Contract language that creates an uninsurable warranty, such as use of the word *ensure*, places both firms and OBDP at risk;
- 2) Firms cannot accept the business risk of performing work at the direction of OBDP that ODOT has not (and may not) authorize. The risk of not being paid is unfairly placed on the engineers;
- 3) Waivers of subrogation cannot extend to professional liability, and ACEC Oregon requests that OBDP mirror ODOT's requirement; and
- 4) ACEC Oregon requests that OBDP mirror ODOT's indemnity contract provisions since we consider OBDP's request for a higher standard of indemnity to be unreasonable.

OBDP plans to provide ACEC Oregon with revised contract language by next week, and I will have Alison sent out an email update once the revisions have been reviewed. I would like to thank **Marguerite King** with **USI Northwest** for attending the OBDP meeting and providing valuable input on insurable versus uninsurable contract language.

I would also like to recognize and thank **Randy McCourt** for his work in leading ACEC Oregon's efforts to provide ODOT with comments on the (*President's column continued, page 7*)



Engineering Excellence Awards 2005

FIVE FIRMS GARNER GRAND AWARDS

DEGENKOLB ENGINEERS University of Oregon Lillis Business Complex

Construction finished ahead of schedule and under budget.

The Lillis Business Complex bridges two historic buildings with state-of-the-art design and technology. Providing an abundance of natural light, the building's four-story glass atrium showcases the most visible structural elements – the curved roof supported by steel “tree” columns and the curved stair that cantilevers from the atrium.

Using structural steel enabled the team to create an open, light environment for learning while helping achieve the University's sustainability objectives. With construction finished ahead of schedule and costs under budget, the Lillis Business Complex is a tangible sustainable example for the University and community at large.



photos by Julie Keefe

GRAND AWARD: Degenkolb Engineers, University of Oregon Lillis Business Complex

Pictured, from left, are **Jake Stept, Degenkolb Engineers; Kent Duffy, SRG Partnership; Chris Thompson, Degenkolb Engineers; Greg Williams, SRG Partnership; Bart Ricketts, Lease Crutcher Lewis; and Hussein Mirza, SRG Partnership.**

GRI GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS

Oregon Health & Science University Patient Care Facility

Innovative use of lightweight expanded polystyrene fill supports the drive and creates an inexpensive area that will become a public plaza.

Engineering resulted in the innovative use of lightweight expanded polystyrene fill for the \$216 million project. This unique fill was used to support the relocated Campus Drive and also to create an inexpensive, unshored laydown area that will later become a permanent public plaza. (*Grand Awards continued, top of page 3*)



GRAND AWARD: GRI Geotechnical & Environmental Consultants, Oregon Health & Science University Patient Care Facility

Pictured, from left, are **Mike Reed and Tova Peltz of GRI; Janine Stanton with the owner, Oregon Health & Science University; and Scott Schlecter, GRI.**



GRAND AWARD: Harper Houf Peterson Righellis, Inc. for Sunnyside Road Improvements (Phase 1) Pictured, from left, are **Chuck Harper, Dan Houf and Neil Waibel, Harper Houf Peterson Righellis, Inc.;** **Jody Yates representing their client, Clackamas County;** and **Ken Ackerman, Mark Mutch, Brian Henson and Ben Austin, Harper Houf Peterson Righellis, Inc.**

HARPER HOUF PETERSON RIGHELLIS INC. Sunnyside Road Improvements (Phase 1)

Improvements made a significant contribution to relieving traffic congestion and improving safety along Sunnyside Road.

As Happy Valley and other portions of Clackamas County developed over the years, the existing three-lane Sunnyside Road became more congested. In addition to the traffic congestion, numerous safety issues existed along the roadway. Harper Houf Peterson Righellis Inc. was hired to design final plans for the improvement to Sunnyside Road. The completed Sunnyside Road project features five lanes from I-205 to the new Sunnybrook Boulevard and a seven-lane section from Sunnybrook east to 122nd Avenue. Sidewalks, bike lanes, a bridge across Mt. Scott Creek, creek restoration, wetland mitigation,

streetlights, sound walls, raised landscape medians, eight signalized intersections, and many reconstructed local access points were all a part of the project. The improvements to Sunnyside Road have made a significant contribution to relieving traffic congestion and have provided drivers, pedestrians and bicyclists with a safer trip along Sunnyside Road.

HDR ENGINEERING, INC. I-84 Quarry Bridges Design/Build

Innovative construction staging removed the bridge weight restrictions seven months sooner than scheduled and significantly benefited the economy.

ODOT's design-build contract called for the reconstruction of a section of Interstate 84 and replacement of four bridges across the Grande Ronde River at Upper Quarry and Lower Quarry west of La Grande.

The site's features are very complex. I-84 is characterized by series of sweeping curves that hug the Grande Ronde through a narrow canyon straddled by rocky bluffs. Twin bridges carry I-84 and cross the Grande Ronde and two active Union Pacific Rail Road tracks. The Upper Quarry bridges had to be constructed side-by-side on a sweeping curve next to the Union Pacific bridge crossing of the Grande Ronde at a 40 degree angle with a significant cross slope.



GRAND AWARD: HDR Engineering, Inc. for I-84 Quarry Bridges Design/Build Pictured, from left, are **Mark Shippen and Claude Sakr with HDR Engineering, Inc.**



GRAND AWARD: KPFF Consulting Engineers for Clean Water Services Administration Building Complex Pictured, from left, are **John Mayer with KPFF Consulting Engineers;** and **Skip Stanaway and Kent Duffy with SRG Partnership.**

KPFF CONSULTING ENGINEERS

Clean Water Services Administration Building Complex

The project is a model for cost-effective green architecture and environmental engineering.

The Clean Water Services Administration Building Complex consolidates staff from four facilities into a single location, and creates a water resources campus at the entrance to the Jackson Bottom Wetlands Preserve. The building artfully integrates these materials to showcase the structural design.

Through the use of low-flow fixtures and an innovative rainwater harvesting system, the complex will use 66 percent less water than a comparable office building. The project is anticipating LEED Gold certification, and once achieved, will be the first in Washington County, and only the fourth in Oregon, to hold this prestigious designation.

(Engineering Excellence continued, see Honor Awards, page 4)



Engineering Excellence Awards 2005

TEN FIRMS TAKE HOME HONOR AWARDS

BROWN AND CALDWELL

Water Treatment Plant Expansion with Biological Iron Removal

Brown and Caldwell identified a unique removal process solution that filtered and removed more than 90 percent of the dissolved iron from the treated water.

CH2M HILL, INC.

Martin-Cornelius-Schefflin Road Roundabout Project

This project employed an alternative solution: the roundabout.

CORNFORTH CONSULTANTS, INC.

Depoe Bay Shear Pile Wall Landslide Stabilization

Construction was successfully completed within budget and schedule. Measurements indicate that the landslide has been stopped.

INTERFACE ENGINEERING, INC.

Saving Energy in Office Buildings Report: Energy Measure Impacts on HVAC

The paper discusses energy codes, new technologies, and competitive pricing for energy saving measures to reduce the amount of energy used in buildings.

KLEINFELDER, INC.

Clackamas County Brownfields Program

The program is nationally recognized as a model for economic revitalization.

KPFF CONSULTING ENGINEERS

Portland State University Stephen Epler Hall

Stephen Epler Hall is the first mixed-use, LEED certified building in Portland.

OTAK, INC.

South Waterfront (SoWa) Stream Bank Restoration

This is the first time a fully bioengineered design approach was applied on the Willamette River on a large scale.

Sunnyside Village Green Park

Multiuse facility integrates regional storm water management facilities with a new park.

West Main Street Improvements

Improvements accommodate pedestrians while minimizing environmental impacts.

W & H PACIFIC

Oregon Bridge Assessment Engineering Baseline Report

Complex evaluation saves the public approximately \$20 million.

AMONG OURSELVES...

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

CSA Consulting Engineers, 15 82nd Drive, Suite 150, Gladstone, OR 97027-2552, phone (503) 228-3848, csa@csace.com. Key personnel are **Jeffrey Senkel** and **Harvey Cummings**. CSA Consulting Engineers provide civil and structural engineering and survey services for commercial and residential clients. Services include construction inspection, management and observation. Feasibility studies, housing, irrigation and drainage, land development, land use planning, office buildings and industrial parks, site planning, recreation facilities, rehabilitation of buildings/structures, sanitary engineering, storm water handling and facilities, structural design and failure analysis, urban renewals.

Exeltech Consulting, Inc., Spinnaker Place, 2601 25th Street SE, Suite 200, Salem, OR 97302-1281, phone (503) 588-7109, www.xltech.com. Firm representative is **Santosh J. Kuruvilla**. Exeltech Consulting provides infrastructure work through bridge and tunnel engineering, transportation and roadway, environmental permitting, complex structural modeling and non-linear analysis, homeland security and anti-terrorist force protection (ATFP) design, construction management and support and public involvement. Program/project management services, project scheduling, control, risk assessment and mitigation services, training and workshops.

PBS Engineering and Environmental, 4412 SW Corbett, Portland, OR 97239, phone (503) 248-1939, www.pbsenv.com. Key personnel are **Ron Petti**, **Dulcy Berri**, **Derek May**, **Brian Stanford** and **Bart Phillips**. PBS provides a unique blend of engineering services, specifically designed to enhance site conditions as well as meet jurisdictional requirements. Their services include civil and geotechnical engineering for property development/redevelopment and environmental engineering to provide planning/compliance services for existing facilities.

Washington Group International, 13550 SW Karl Braun Drive, PO Box 500, Beaverton, OR 97077, phone (503) 641-5529, www.wgint.com. Firm representative is **Vance Henry**. Washington Group International is an integrated engineering, construction and management solution company providing services to both private and public sector clients.

NEW AFFILIATE MEMBERS

Michael Clayton & Associates, 14952 NW Wendy Lane, Portland, OR 97229, phone (503) 439-8036, mc.mca@comcast.net. Firm representative is **Michael Clayton**. The firm provides environmental consulting services for infrastructure and development projects. Services include: project development (feasibility studies, siting studies, routing studies, issue identification, resource planning, agency coordination and liaison, environmental permitting), environmental impact analysis (NEPA & SEPA documentation), energy and utility planning (corridor and regional studies), visual impact assessment (analysis and simulations).

MORE AMONG OURSELVES...

IMAGINiT Technologies, 6601 NE 78th Court, Suite A-8, Portland, OR 97218, phone (503) 252-3230, e-mail: ddato@rand.com, web: www.imaginit-tech.com. Firm representative is **Doug Dato**. IMAGINiT provides software sales and expertise in Autodesk Civil Engineering and GIS/Mapping software solutions. Providing autodesk software, training, consulting and programming for civil, architectural, geospatial and mechanical engineering applications.



Biskey's Forensic Engineering, Inc. has a new address and phone number. The office and mailing address are now 4 Becket Street, Lake Oswego, OR 97035, phone (503) 675-3864, fax (503) 675-0168, e-mail biskeysforensic@msn.com.



Ken Wightman was recently named chief executive officer of **David Evans and Associates, Inc.** As the second CEO in DEA's history, Wightman follows the path of founder **Dave Evans**, who will remain chairman of the board. Wightman joined DEA in 1984 to lead the firm's survey discipline. In 1989, he was promoted to manage DEA's flagship office in Portland.

Wightman was instrumental in the office's growth into one of Portland's premier professional services firms. In 1998, Wightman was named president. Wightman is a registered professional engineer and land surveyor with more than 35 years of engineering and surveying experience.

Ken Wightman, David Evans and Associates, Inc., has been inducted into the Oregon State University Engineering Hall of Fame. Membership is reserved for former OSU students who have made "sustained and meritorious engineering and/or managerial contributions during their careers." Wightman, who was recognized in the category of Civil/Construction/Environmental Engineering, received a bachelor's degree in forest engineering from OSU in 1968 and a master's degree in business administration from the University of Oregon in 1996.

Chris Thompson, Degenkolb Engineers, appointed by the governor of Oregon, currently serves as chairman of the Oregon Seismic Safety Policy Advisory Committee. As chairman, he helped develop and promote legislation that ensures educational, health care, and emergency facilities are upgraded to an immediate occupancy performance standard within the next several decades.

Dennis Nissen has joined **Gausman & Moore** as lead electrical engineer to head its growing electrical department in Portland. Nissen has 10 years of experience in the commercial and institutional building sectors with specialized experience in lighting design and power distribution.

As of April 1, **Kennedy/Jenks Consultants** has relocated to a new office building. They are now in the 200 Market Building,

200 Market Street, Suite 500, Portland, OR 97201. Phone and fax numbers remain the same. "Our new location is convenient, easy to find, and close to public transit and major roadways," says **Al Shewey**, Portland Branch Manager. "This is a great move for us because the staff will be all together on the fifth floor, which will improve our communication and efficiency. The building is more spacious, allowing for future growth, and because the building is downtown, we will be much closer to our clients."

Kittelson & Associates, Inc. is celebrating their 20th anniversary. Founded in 1985 by **Wayne Kittelson**, KAI now employs more than 100 people in offices in Portland; Baltimore, Maryland; Boise, Idaho; Fort Lauderdale and Orlando, Florida; and in Phoenix and Tucson, Arizona. The firm provides transportation planning, engineering and research services to government agencies, municipalities and private organizations.

KPFF Consulting Engineers, an *Engineering News Record* Top 500 Design Firm, announces the opening of its Eugene office to serve clients' civil and structural engineering, as well as surveying, needs. For more information, please contact Matt Keenan, P.E., Project Manager, phone (541) 684-4902 or e-mail matt.keenan@kpff.com.

Peterson Structural Engineers, Inc. is pleased to announce the addition of **Andy Stember** as senior structural engineer. Stember is immediate past president of the Structural Engineers Association of Oregon and was previously regional manager for the Oregon office of Reid Middleton. He brings more than 22 years of experience in the design and management of various types of projects.

The telecommunication group of **W&H Pacific** was recently acquired by Sparling, the nation's largest specialty electrical engineering and technology consulting firm. "This was a highly strategic deal which was a win/win for both firms," said Jim Duncan, Sparling CEO who worked with **Bill Jobs, W&H Pacific** principal in charge and **Rich Reis**, COO of W&H Pacific. "In fact this transaction would have never happened without the relationships formed through ACEC with **Jeff Daggett**, Bill Jobs and Rich Reis," said Duncan. "After two meetings the respect and trust we have for each other helped us to complete and close the acquisition in a record 15 weeks with a minimum of transaction expenses." According to Jobs, telecommunications and technology have evolved to the point that the industry is now more aligned with electrical engineering and technology firms than civil engineering. "Sparling has an outstanding reputation and we knew they would provide a great home for our employees and clients. This move will allow us to focus more on our core businesses."

After 31 years with the Port of Portland, **Randy Kruckenberg** has joined **W&H Pacific** as senior project manager. He managed many significant projects for the Port at Portland International Airport (PDX). Because of his mix of airport and infrastructure-related land development projects, he is assigned transportation and large-scale land development projects for the company.

COBA'S CAPITOL COMMENTARY..

by ACEC Oregon lobbyist Marshall Coba, CobaCo LLC

Eighty-one days into the 2005 legislative session and the pace is picking up. Senate President **Peter Courtney** made clear his intentions to close committees on April 28 with deadlines to move all Senate bills out of the Senate by April 8 and all House bills out of the Senate by April 28. With twice as many members, and nearly twice as many bills introduced, the House Speaker **Karen Minnis** has yet to set specific deadlines for committee closures on her side of the building but it is expected that the timing will be aggressive compared to recent sessions. This all lends credence to the persistent rumor of a mid-June session closure. If so, this would go a long way toward returning public trust and respect to the body.

QBS Hearing Scheduled April 8

HB 3272 will be heard on Friday, April 8 in the House Business Committee chaired by Rep. **Alan Brown** from Newport. Chair Brown is familiar with ACEC Oregon members as he has attended our last two Salishan annual meetings and made himself available to meet us and discuss issues of interest to our profession. In 2003, Representative Brown chaired the House Transportation Committee that began OTIA III on its legislative journey. He is very supportive of QBS and will assist us in gaining passage of our bill.

ACEC Oregon Members: GET INVOLVED!

We have a number of positive indications that the 2005 session will be significant for QBS. However, it is not a done deal by any means. Senator Roger Beyer told us last summer at an ACEC Oregon breakfast that local governments are the strongest lobbying organization in the Capitol. We need you to contact all seven members on the House Business Committee, even if you are not a constituent.



E-mail addresses for the
House Business Committee:

Rep. Alan Brown, (R) Newport
rep.alanbrown@state.or.us

Rep. Sal Esquivel, (R) Medford
rep.salesquivel@state.or.us

Rep. George Gilman, (R) Klamath Falls
rep.georgegilman@state.or.us

Rep. Paul Holvey, (D) Eugene
rep.paulholvey@state.or.us

Rep. Derrick Kitts, (R) Hillsboro
rep.derrickkitts@state.or.us

Rep. Mike Schaufler, (D) Happy Valley/
Southeast Portland
rep.mikeschaufler@state.or.us

Rep. Chip Shields, (D) N/NE Portland
rep.chipshields@state.or.us

Simply title the e-mail something similar to "Please vote YES for HB 3272" and write why it is good policy. (*For sample text,*

e-mail mwebber@acecOregon.org.) Also be sure to add your phone number and offer yourself as a resource if they have any questions. Their staff will print these and add them to the bill file which will assist them in making up their minds on the bill. Legislative contact is important and with e-mail it is very quick and easy to make a big difference.

In addition, letters to the committee written on firm's company letterhead and sent to ACEC Oregon's office will be bound and presented to the committee at the hearing on April 8. This was very effective in 2001.

These are exciting times for ACEC Oregon and the QBS debate that has lingered for many years. **We need your active involvement NOW to help finish the deal.**

Thank you for your support so far. If you have any questions about QBS or other legislative issues, please call ACEC Oregon at (503) 292-2348 or e-mail Alison Davis, adavis@acecOregon.org.



Members converged in Salem to lobby our state legislators during ACEC Oregon's "Day at the Capitol" in Salem. Pictured on the capitol steps, front row from left, are lobbyist **Marshall Coba, Coba Company; Ermel Quevedo, Cornforth Consultants, Inc.; Melissa Johnson, David Evans and Associates, Inc.; Cynthia Lowe, Parsons Brinckerhoff; Merideth Webber, ACEC Oregon; and Ken Wightman, David Evans and Associates, Inc.** Second row, from left, are **Randy McCourt, DKS Associates; Dave Williams, Parametrix, Inc.; Dwight Hardin, GRI Geotechnical & Environmental Consultants; Martha Moore, TW Environmental, Inc.; Kevin Boyle, OBEC Consulting Engineers; and Alison Davis, ACEC Oregon.** Third row, from left, are **George Gross, Spencer B. Gross, Inc.; Ray Miller, Miller Consulting Engineers; and Darryl Anderson, Anderson Engineering & Surveying, Inc.**

THANK YOU, PAC DONORS

A big thank you to the following firms and individuals who contributed to ACEC Oregon's Political Action Committee. *Contributions received July 1, 2004 to March 31, 2005:*

Anderson Engineering & Surveying, Inc.
Anderson Perry & Associates, Inc.
Andrew J. McCann, P.E.
CH2M Hill, Inc.
Cornforth Consultants, Inc.
David Evans and Associates, Inc.
Engineered Monitoring Solutions
F. Duane Lee, Consulting Engineer
Forensic & Mechanical Engineering, Inc.
GeoDesign, Inc.
H.W. Lochner, Inc.
Harry Czyzewski, P.E.
Hatch Mott MacDonald
Kennedy/Jenks Consultants, Inc.
Kittelson & Associates, Inc.
Mason, Bruce & Girard, Inc.
Miller Consulting Engineers
Murray, Smith & Associates, Inc.
OBEC Consulting Engineers
OTAK, Inc.
Parametrix, Inc.
Pavement Services, Inc.
Quincy Engineering, Inc.
R&W Engineering, Inc.
R.W. Try and Associates, Inc.
Raymond T. Miller, P.E.
Shannon & Wilson, Inc.
Squier/Kleinfelder LLC
W&H Pacific, Inc.
WEST Consultants, Inc.

Thank you!

MORE FROM THE PRESIDENT *(continued from page 2)*

draft terms and conditions of the ODOT standard consulting contracts. ACEC Oregon is working to mutually refine ODOT standard consulting contracts terms and conditions to avoid individual firm negotiations and improve efficiency, and the significant time commitment required by the comment process warrants recognition and thanks for all involved.

Not everything has revolved around ODOT and OBDP this year. The Oregon Legislature has also received a lot of attention from engineers this session. I would like to thank everyone who turned out for our Day at the Capitol, and the latest issue of ACEC's The Last Word included our group photo on the Capitol steps. **Melissa Johnson** planned and coordinated the morning's events, which included a very well-received barista.

We finally have our draft QBS bill out of legislative counsel, and HB 3272 is set for a House Business, Labor and Consumer Affairs committee hearing, chaired by Representative **Alan Brown**, this Friday. ACEC Oregon is supporting removing the 2008 sunset from the existing law and removing the requirement for 35% state funding. I encourage everyone to contact your legislators and request their support of HB 3272. We need voices speaking up for HB 3272 so please take a few minutes to email or call your legislators.

BIG THANK YOU TO QBS PANELISTS

ACEC Oregon wishes to thank the following speaker/panelists for sharing their time and expertise during the program "Understanding Qualifications Based Selection: Working Together to Achieve High Quality, Cost Effective Oregon Projects."

Georgia Wilson McCoy
Jacobs Engineering

Roger McClellan
Federal Highway Administration

Blake Underwood
Department of Justice

Dale Hormann
Department of Justice

Kyle Knoll
Oregon Department of Transportation

Steve Anderson
Anderson Consulting Services

BOOST YOUR FIRM'S COMPETITIVE EDGE WITH ACEC MEMBER SEAL

Because the ACEC logo is nationally associated with excellence, integrity and quality, members use it on their business literature. Many ACEC members report that, in their clients' eyes, membership in ACEC offers an advantage over non-members.

The seal may be used on websites, letterhead, business cards and any other communications where a demonstrated alliance with excellence can be an advantage. Remember, your firm should be a member in the state in which you intend to use the seal.

"Reputation is everything in this business and membership in ACEC conveys that we are dedicated to a set of high standards," said Carlos Penin, CSA Southeast, Inc., Florida.

To obtain the logo for your use, and for a PDF file of the member seal brochure, "Your Competitive Edge," go to: www.acec.org/memberseal.

For more information contact ACEC's Patrick Brookover at (202) 347-7474 or e-mail: pbrookover@acec.org.

"I proudly use the ACEC logo on my material because of what it conveys to my clients—professionalism, education and high ethics," said Mark Hamouz of LONCO, Inc., Colorado.



Mark your calendar...

APRIL

- **Sunday 10th – Wednesday 13th**
ACEC National Annual Convention,
Engineering Excellence Awards dinner
& Consulting Congress Day activities,
Washington, D.C.
- **Wednesday 20th**
Business Leadership Breakfast #6
“Business Etiquette”
Note change of venue: Mallory Hotel
- **Thursday 28th**
Board of Directors Meeting, Portland

MAY

- **Wednesday 18th**
Business Leadership Breakfast #7
“Client Management with Derek Cornforth”
- **Thursday 19th**
Board of Directors Meeting, Portland
- **Wednesday 25th**
ACEC Oregon Business Dinner

JUNE

- **Wednesday 8th**
Dinner Program
South Waterfront Development Project
- **Wednesday 20th**
Business Leadership Breakfast #6
“Business Etiquette”
Board of Directors Meeting, Portland
- **Wednesday 29th**
Networking Day – Golf & Dinner
Langdon Farms Golf Club

SEPTEMBER 15, 16 & 17

**Joint Annual Meeting with
ACECWashington
Skamania Lodge
Stevenson, Washington**



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room today at
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Lodge!**

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