

ACEC Oregon

AMERICAN COUNCIL OF ENGINEERING COMPANIES
OF OREGON

Representing engineering and land surveying
companies in Oregon and southwest Washington
since 1956.

MARCH 2015

UPDATE

INSIDE THIS ISSUE

- **What is Engineering Excellence?**
page 2
- **Grand Awards**
page 2 - 4
- **Honor Awards / People's Choice**
page 4

THANK YOU, SPONSORS!

- PEOPLE'S CHOICE
Parsons Brinckerhoff
 - REGISTRATION
Cushman & Wakefield
 - GOLD
Harper Houf Peterson Righellis
 - PATRONS
David Evans and Associates/GRI
Hart Crowser, Inc.
KPFF Consulting Engineers
OBEC Consulting Engineers
 - FRIENDS
GHD
AECOM (formerly URS)
 - TABLE TREATS
Chartwell Capital Solutions
-
- Executive Director - **Alison Davis**
adavis@acecOregon.org
 - Executive Assist. - **Merideth Webber**
mwebber@acecOregon.org
 - More info - www.acecOregon.org

Member of the
American Council of Engineering Companies
Washington, D.C.



Engineering Excellence Awards 2015

Interface wins "Project of the Year" for OHSU Collaborative Life Sciences Building & Skourtes Tower

The Collaborative Life Sciences Building and Skourtes Tower is a complex consisting of a six-story tower and a 10-story tower connected by a five-story atrium that house lecture halls, classrooms, teaching and research laboratories, including a low-vibration microscopy lab.

The \$290 million LEED Platinum project is a joint venture for facility owners Oregon Health & Science University, Portland State University, and Oregon State University.

Instead of the typical 12 to 18 months of project design, the design team had only five months of preparation and planning prior to the construction team breaking ground, which resulted in much of the facility undergoing design planning throughout construction. The quick project turnaround also came with challenging requirements from each owner, such as accommodating the large OHSU School of Dentistry portion, all while achieving a LEED Platinum status and providing a simulated "real-life" learning experience.

In order to meet the short project timeline, Interface used progressive BIM modeling techniques which allowed for real time coordination of trades. The modern facility also includes the latest technologies, including one of the largest dental vacuum systems in the country that serves the expanded 200-chair OHSU School of Dentistry program.

Interface designed several high-performance systems for the LEED Platinum project, and as a result, the project is expected to achieve 45 percent energy and 60 percent water savings – a remarkable achievement for a building that has significant demands on both resources.



PROJECT OF THE YEAR Interface Engineering, OHSU Collaborative Life Sciences Building & Skourtes Tower for Oregon Health & Science University Pictured from left: **John McMichael, Jim Sattem and Richard Benney, Jr., Interface Engineering.**



Engineering Excellence Awards 2015 *(continued from page 1)*

Eight EEA projects receive Grand Awards from a field of 24 entries

WHAT IS ENGINEERING EXCELLENCE?

The Engineering Excellence Awards (EEA) is an annual design competition that recognizes engineering achievements which demonstrate the highest degree of merit and ingenuity.

A panel of judges selected the best engineering projects of the year based on criteria such as original or innovative application of new or existing design techniques; social, economic and sustainable design considerations; and complexity.

Recognition is given at three levels: Honor Awards, Grand Awards and Project of the Year.

GRAND AWARD BERGER ABAM Water Transmission Main Replacement, Phases I, II and IIA for the City of Hood River Pictured at right from left are: **Dan Johnston, Javier Moncada** and **Sam Adams, BergerABAM**.



GRAND AWARD GHD Sandy High School Greenfield Site Design for Dull Olson Weekes - IBI Group Architects Pictured at right from left are: **Wes Spang, GRI; Patrick Tortora, GHD; Nolan O'Meara and Jim Seipel, Oregon Trail School District; and Don Whitehead and Dominic Sinacola, GHD**.



GRAND AWARD HART CROWSER Custom Plywood Mill Site Clean-up for Washington State Department of Ecology Pictured at right from left are: **Dan Trisler, Chris Poulsen, Tim Blackwood and Allison Pynch, Hart Crowser; and Paul Dedyo and Curt Vanderzanden, KPFF Consulting Engineers**.





GRAND AWARD KPFF CONSULTING ENGINEERS SE Division Streetscape Improvements for Portland Bureau of Transportation Pictured above from left are: **Josh Lighthipe** and **Paul Dedyo**, KPFF Consulting Engineers; **Elizabeth Mahon**, Portland Bureau of Transportation; **Curt Vanderzanden** and **Fred Maddox**, KPFF Consulting Engineers; and **Sam Hunaidi**, Oregon Department of Transportation.



GRAND AWARD MEAD & HUNT, INC. and ESA VIGIL-AGRIMIS Newton Creek Gets a Step Up for City of Roseburg Pictured at left are: **Damon Smith**, Mead & Hunt; **Adam Zucker**; **ESA Vigil-Agrimis**; and **Kari Nichols** and **Kevin Mulcaster**, Mead & Hunt.



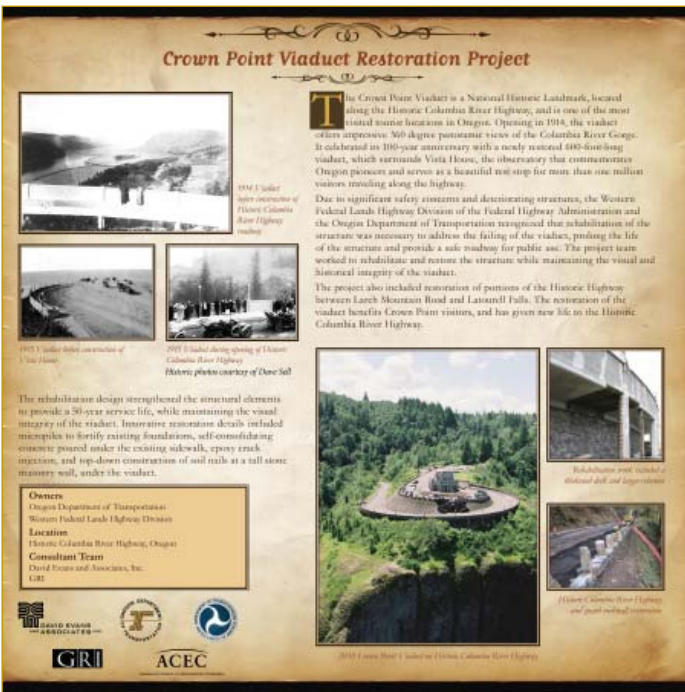
GRAND AWARD OBEC CONSULTING ENGINEERS Interstate 5: Willamette River Bridge Project for Oregon Department of Transportation Pictured at left are: **Brad Larsen**, **Xiqin Long**, **Andy Howe**, **Larry Fox** and **Jim Bollman**, OBEC Consulting Engineers.

More Grand Awards on next page plus Honor Awards.



GRAND AWARD SHANNON & WILSON Portland-Milwaukie Light Rail: East Segment Geotechnical Design for TriMet and David Evans and Associates (DEA) Pictured at left are: Calvin Lee, TriMet; Park Piao, Shannon & Wilson; Vicky Smith, DEA; Leah Robbins, TriMet; Mike Reynolds, DEA; Simon Cooper, TriMet; and Travis Nguyen, Shannon & Wilson.

GRAND AWARD WHPACIFIC OR 22 Bridge Vertical Clearance Project for Oregon Department of Transportation Pictured below, from left are: Calvin Larwood and Greg Haffner, WHPacific.



< PEOPLE'S CHOICE AWARD Shown at left: David Evans and Associates, Inc. and GRI's photographic display panel for the Crown Point Viaduct Restoration for Western Federal Lands Highway Division, Federal Highway Administration.

HONOR AWARDS

AKS Engineering & Forestry
Morey's Landing Stormwater Outfall for City of Wilsonville

David Evans and Associates and GRI Crown Point Viaduct Restoration for Western Federal Lands Highway Division, Federal Highway Administration

DKS Associates OR 217 Active Traffic Management for Oregon Department of Transportation; and Westside Freight Access & Logistics Analysis for Port of Portland and Portland Business Alliance

Harper Houf Peterson Righellis Highway 212 - Lawnfield Road Connector, Phase 3 for Clackamas County; and Main Street Improvements for City of Tigard and Oregon Dept. of Transportation; and Commercial Avenue Wharf Reconstruction for Port of Garibaldi

Kittelson & Associates, Inc. Riverside/Franklin Pedestrian & Bicycle Infrastructure Improvement for City of Bend

KPFF Consulting Engineers Helsinki, Finland - U.S. Embassy Compound Renovation & Chancery Addition, Phases 1 and 2 for

U.S. Department of State, Bureau of Overseas Buildings Operations

Otak West Main Realignment for City of Kelso

Parsons Brinckerhoff and WHPacific NW Bethany Blvd. Project for Washington County

RH2 Engineering TAP Emergency Intertie Project for City of Ashland; and View Acres Reservoirs Seismic Retrofit for Oak Lodge Water District

Shannon & Wilson and Gibbs & Olson Astoria 11th Street Com-

bined Sewer Overflow Separation for City of Astoria

URS (now AECOM) OR 62: I-5 to Dutton Road FEIS/ROD for Oregon Department of Transportation

ACEC Oregon

SINCE 1956
5319 SW Westgate Dr., Suite 224
Portland, OR 97221
phone (503) 292-2348
fax (503) 292-2410
www.acecOregon.org

[Like us on Facebook!](#)

facebook