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.
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 Poulson, Tim Blackwood and Allison Pyrch, Hart Crows; 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, Xi Qin Long, Andy Howe, Larry Fox and Jim Bollman, OBEC Consulting Engineers.

More Grand Awards on next page plus Honor Awards.
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

HONOR AWARDS

Harper Houf Peterson Righelli
Highway 212 - Lawfield 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 Combined Sewer Overflow Separation for City of Astoria

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.

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