PAE wins “Project of the Year” for Bud Clark Commons

The Bud Clark Commons is an example to the community and the nation of a transformative place that serves homeless and low income individuals with dignity. In addition, the center provides quality affordable housing, is environmentally and economically sustainable, enhances neighborhood livability, invites public participation, and creates an inspirational space. This 108,000 square-foot building for Home Forward provides a range of services designed to treat the causes of homelessness, not just the symptoms.

The Commons exemplifies how engineering ingenuity and a truly integrated design team can create a landmark of sustainable design that also benefits the community. Its unique holistic services program provides not just housing, but services necessary to eliminating homelessness.

PAE provided mechanical, electrical, lighting, telecommunications, and security system design, as well as energy modeling for the building. The LEED Platinum building features a range of highly efficient systems, including graywater reclamation and solar hot water heating systems.

A heat recovery system for residential units and customized windows further enhance energy savings, while the building’s HVAC system provides tuberculosis control with displacement ventilation, UV filtration, and double the typical air change rate for shelter sleeping rooms. The building’s highly sustainable systems consume 45 percent less energy and 50 percent less water than required by Oregon’s codes, saving about $60,000 annually which translates directly into additional funds for services.

This project is a terrific example for cities around the world and the entire team should be commended for their contributions to our community with this project.”

--Judge’s comment
Six EEA projects receive Grand Awards from a field of 32 entries

GRAND AWARD CH2M HILL, INC., U.S. Congresswoman Darlene Hooley Pedestrian Bridge at Gibbs Street for City of Portland
Pictured from left are: Dale Wilson and Billy Adams, CH2M HILL; Sam Hunaidi, ODOT; Bonnie Scheeland and Gary Conner CH2M HILL; Jody Yates, City of Portland; Bernd Mauelshagen, CH2M HILL; and Greg Jones, City of Portland.

GRAND AWARD KITTELSON & ASSOCIATES, INC. and OBEC CONSULTING ENGINEERS OR 213/1-205 to Redland Road Crossing for City of Oregon City Pictured below from left to right are: Sam Hunaidi, Oregon Department of Transportation; Robert Goodrich, OBEC Consulting Engineers; John Lewis and Aleta Froman-Goodrich, City of Oregon City; Nancy Kraushaar, City of Wilsonville; Hermanus Steyn, Kittelson & Associates, Inc.; Guy Hakanson and Jason Kelly, OBEC Consulting Engineers; and Charles Radosta, Kittelson & Associates, Inc.

GRAND AWARD OBEC CONSULTING ENGINEERS Chambers Covered Bridge Rehabilitation for City of Cottage Grove Pictured from left: Guy Hakanson and Tony LaMorticella, OBEC; Richard Meyers, City Manager of Cottage Grove; Mike Hawkins, OBEC; Tom Deines, Wildish Construction; Stewart McCorneck, Greg Ausland and Brad Larsen, OBEC.
GRAND AWARD
PAE
Chemeketa Community College Health Science Complex
Pictured from left are: Bjorn Clouten, SRG Partnership; Nick Collins, PAE; Jon Wiener, SRG Partnership; Zachary Suchara, Luma Lighting Design; and Nedzib Biberic, PAE.

GRAND AWARD
PARAMETRIX
State Highway 99W: Newberg and Dundee Bypass for Oregon Department of Transportation (ODOT)
Pictured from left are: Bill Ciz, Parametrix; and Kelly Amador and Tim Potter, Oregon Department of Transportation.

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 & Project of the Year.

GRAND AWARD
URS CORPORATION
Portland Streetcar Loop Project for City of Portland Bureau of Transportation
Pictured from left are: Tim Martin, URS; Dana Beckwith, DKS Associates; Ruth Cullen, Katharine Brendle, John Lostra and Mark Dorn, URS; and Peter Coffey, DKS Associates.
HONOR AWARDS

BergerABAM
Architectural Digester: Gresham Waste Water Treatment Plant Administration Building Reuse for City of Gresham

BergerABAM, West Yost Associates and Jacobs Associates
Outfall 27 / Sellwood CSO Control for City of Portland Bureau of Environmental Services

Cornforth Consultants, Inc. (Landslide Technology division)
Managing Landslides in West Africa for Marathon Equatorial Guinea Production Limited

David Evans and Associates, Inc.
■ I-205 Railroad Avenue (99E Dunes Drive to 10th Street) for City of Oregon City
■ Rock Creek Trail Extension for City of Hillsboro

DKS Associates
Portland South Auditorium District Lighting for City of Portland Bureau of Transportation

GeoEngineers, Inc.
■ Terminal 6 - Berths 604/605 Modernization for Port of Portland
■ Walla Walla River Habitat Restoration for Confederated Tribes of the Umatilla Indian Reservation

GHD Inc.
Malheur National Wildlife Refuge Fish Screening & Passage Projects for U.S. Fish & Wildlife Service, Region 1

Harper Houf Peterson Righellis, Inc.
Trolley Trail for North Clackamas Parks & Recreation District

HDR Engineering
Wyeth Fishing Treaty Access Site Bridge for U.S. Army Corps of Engineers Portland District

HNTB Corporation and Oregon Bridge Delivery Partners (HDR/Fluor)
I-84: Exit 64 (Hood River) - Bundle 224 for Oregon Department of Transportation

Keller Associates, Inc.
Comprehensive Sanitary Sewer Master Plan for City of Ashland

Kennedy/Jenks Consultants
Gearhart Water Treatment and Supply Facilities Project for City of Gearhart

Kleinfelder
Wastewater Treatment Plant Demolition Action Plan for City of Troutdale, Public Works Dept.

Otak, Inc. and Hart Crowser
Crystal Creek Pedestrian Suspension Bridge for National Park Service

Otak, Inc.
■ Battle Creek Property Redevelopment for City of Salem Dept. of Public Works
■ I-5: Wilsonville Road Interchange for Oregon Dept. of Transportation / City of Wilsonville

PACE Engineers and Hart Crowser
Chinook Water Supply Restoration for Chinook Water District

Parametrix, Inc.
■ Horn Creek Water Treatment Plant for Pacific City Joint Water-Sanitary Authority
■ Roy Creek Culvert Replacement for Tillamook County Public Works Department

Parsons Brinckerhoff
Fourth Plain Transit Improvement Project for C-TRAN

PBS Engineering + Environmental
Junction City Wetland Mitigation for Oregon Department of Corrections and CH2M HILL

T.Y. Lin International
■ I-5: Elkhead Rd to OR 126: Knowles Creek Design/Build for Oregon Dept. of Transportation
■ OR 43: Willamette River Bridge (Oregon City) for Oregon Dept. of Transportation

PEOPLE’S CHOICE

Award Cornforth Consultants, Inc. (Landslide Technology division) Managing Landslides in West Africa for Marathon Equatorial Guinea Production Limited

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