

CONSTRUCTION CONNECTIONS

Volume 2, Number 4

Note from the Director

Welcome, everyone, to another issue of *Construction Connections*. I hope your summer has been fun as well as productive, and that you've been enjoying our state's fresh crop of orange cones, cranes, and detours. As you'll see in our newsletter, many organizations are gearing up for fall with "don't-miss" activities, some of which are scheduled during National Careers in Construction Week.

This edition of the newsletter has a green building focus, both to emphasize the mainstreaming of this aspect of the construction industry, and to highlight our state's role as a pioneer in this area. On April 8, 2005, Washington became the first state to legislate that new public buildings meet green design and construction standards. Governor Christine Gregoire signed into law ESSB 5509, which requires that all state-funded projects over 5,000 square feet (including school district buildings) be LEED certified silver standard.

Read more at: www.enr.construction.com/sp_projects/green/archives/050425a.asp

At the CCE, we are working to expand green building education by partnering with organizations to promote and develop current and compelling curricula for audiences ranging from high school students to apprentices, to incumbent journey-level workers and college students.

Future newsletters will continue to focus on topics of special interest to our readership, as well as relevant news items from around the state. I encourage anyone who has a local event, or any construction or workforce-development item, to send it to me at jcordero@rtc.edu.

I'd like to ask everyone to take a moment to respond to a quick survey about the Construction Center of Excellence and its website. I've done my best to keep it short with just 7 questions. Its purpose is to help us pinpoint the public's current perception of the Center, and to aid us in the reorganization and update of the website. Just click on this link to access the survey: <http://www.quia.com/sv/124830.html>

Lastly, we would like to extend many thanks to Judy Amico, who has been with the Construction Center of Excellence since its inception. Her work on the Center's website and coordinating conferences, events, and meetings has been much appreciated. Judy has moved to a new position as of September 11, so please join us in extending best wishes to her on her new endeavor.

~ Julia Cordero

Inside this issue:

Upcoming Events	2
Construction Career Days 2007	3
LEED Week	3
56th Annual Governor's Industrial Safety and Health Conference	4
NAWIC Chapter Offers Student CAD/Drafting Competition	4
King County Offers Grants for Green Building	5
Construct Seattle Event	5
Build it LEED! for Contractors Workshop at Renton	5
Symposium on Apprenticeship Recruitment and Retention	6
ANEW and OTI Receive Federal WANTO Grant	6
Bates Technical College Starts Green Building Classes	6
The 2007 Tacoma Narrows Bridge Is Open	6
Lieutenant Governor Looks at Building Tomorrow's Workforce	7
Construction Carnival Introduces High School Students to the Trades	7
Did you know ...	8
CCE Steering Committee Members	8



3000 NE Fourth Street
Renton, WA 98055
Phone: 425-235-2352
Volume 2, Issue 4
September 2007

Upcoming Events

For links and more information about any of these events, please visit the CCE website.

Sustainable September

September 1 - 31, 2007

A month-long green learning opportunity, sustainable practices promotion, and earth-friendly celebration.

MBA Second Tour of Homes Event

September 16 - 30, 2007

Green Building

10 projects x 10 slide each x 10 minutes each

Sponsored by EcoBuilding Guild

September 21, 2007

Seattle Town Hall, Seattle WA

56th Annual Governor's Industrial Safety and Health Conference

September 26 - 27, 2007

Greater Tacoma Convention Center, Tacoma WA

Sustainable Communities Conference

September 26 - 28, 2007

Vancouver, WA

2007 American Institute of Architects (AIA) Northwest & Pacific Regional Conference

September 26 - 29, 2007

Spokane, WA

Construct Seattle

September 27, 2007

Washington State Convention & Trade Center

Seattle, WA

Green Building for Building Professionals Course

September 27 - 28, 2007

MBA of Pierce County, 1120 Pacific Ave, Suite 301

Tacoma, WA

Green Skyline Tour the Future of Commercial Buildings

October 3, 2007

Portland, OR

October 19, 2007

Seattle, WA

Construction Career Day Event

October 4 - 5, 2007

Spokane, WA

Seattle Vocational Institute PACT Annual Dinner

October 13, 2007

Brockey Center, South Seattle Community College

LEED Week Fall 2007

October 15 - 19, 2007

Portland, OR

Construction Career Day Event

October 16, 2007

Pasco, WA

More Upcoming Events . . .

"What about Tomorrow?" Career and College Fair

October 16, 2007

Everett Events Center Main Arena, Everett WA

2007 Northwest Environmental Summit

October 17, 2007

Greater Tacoma Convention and Trade Show

Building a Bridge with Brix

To support college scholarships for students in Pierce County in partnership with PC3 Foundations

October 25, 2007

Brix Restaurant

7707 Pioneer Way, Gig Harbor, WA

Workforce And Economic Development Leadership Conference 2007

November 13 - 15, 2007

Sheraton Hotel, Tacoma, WA

Northwest Builders Show

December 11 - 12, 2007

Meydenbauer Center, Bellevue WA

Construction Career Days 2007

High school students in Spokane and Pasco will have the opportunity to attend one of these scheduled career days:

Date: October 4-5, 2007

Time: 8 a.m. - 2 p.m.

Location: Spokane County Fair and Expo Center

Spokane, Washington

Date: October 16, 2007

Time: 8 a.m. - 2 p.m.

Location: Washington Construction Teamsters Training Center

Pasco, Washington

For more information about this event, including sponsoring organizations, click here: <http://www.lni.wa.gov/TradesLicensing/Apprenticeship/NewsEvents/Calendar/default.asp>

If you or your organization is interested in implementing a Construction Career Day, there is a centralized source of information and technical assistance for this event. The University of Rhode Island has been named the National Construction Career Days Center, and hosts a website dedicated to supporting this event throughout the United States. Access the site at: http://www.uritc.org/nccdc/content_template.asp?incomingcontent=home.asp&headline=Welcome!

LEED WEEK

Portland, Oregon – October 15-19, 2007

Excerpted from the Cascadia Region Green Building Council's website

In order to provide regularly scheduled LEED training for the burgeoning green building community, Cascadia is consolidating workshops into a quarterly event: LEED Week. The October event will feature the following workshops:

Monday, October 15: LEED for New Construction Technical Review Workshop

Gain the knowledge needed to maximize building performance, to achieve LEED certification and to take the LEED Professional Accreditation Exam. This is an excellent opportunity for industry professionals to increase their understanding of the LEED for New Construction Rating System and green building strategies, benefits and resources. No prior knowledge of LEED necessary.

(continued)

LEED WEEK continued ...

Wednesday, October 17: Build it LEED! for Contractors

Learn the complete, step-by-step process for managing the construction of LEED projects from preconstruction to documentation. Designed for construction managers, general contractors, subcontractors, construction companies, and builders, this training will get you and your company ready to implement LEED on your next project, including preparation of the LEED documentation required from contractors.

Thursday, October 18: Succeed at LEED

Succeed at LEED is an advanced LEED-NC process workshop. In this workshop, participants learn how to manage the LEED-NC program for projects, from first client meeting to final certification. While other LEED trainings and workshops look at the nuances and details of specific LEED credits and prerequisites, Succeed at LEED focuses primarily on the LEED process.

Thursday, October 18: Tour of the Buchan Building (5:30pm - 6:30PM)

Join the Portland Branch for a tour of the newly constructed Buchan Building, the new Education and Community Center for the First Unitarian Church of Portland that is expecting to achieve a rating of LEED Gold. Don't miss this opportunity to interface with the project team and get an inside look at this unique building.

To get more information, or to register for any of these workshops, visit the following link:

<http://www.cascadiagbc.org/events/leed-week/>

56th Annual Governor's Industrial Safety and Health Conference

Greater Tacoma Convention and Trade Center – September 26 & 27, 2007

The annual Governor's Industrial Safety and Health Conference is coming to Tacoma this September, offering two days of training and education on workplace safety and health. The event attracts approximately 3,000 attendees from many different industries, and is one of the country's largest safety/health trade shows.

Some highlights include:

- Contractor Training day – learn about safety, record keeping, risk management, and marketing your business
- School-to-Work Program – designed for high school students, this program introduces the importance of workplace safety and health to tomorrow's workforce
- Industry-Specific Workshops
- Networking opportunities
- Trade show with product exhibits
- Governor's Lifesaving Awards – nominate a real-life hero/heroine whose quick thinking and fast action saved a life during the past year. The winner will be honored at the conference.

There's plenty of fun as well:

- Finals of the 10th Annual forklift Rodeo
- Crane Simulator – test your skills
- Experience the danger of working under the influence by wearing “drunk goggles”

As an added bonus, the registration fee is only \$20 for apprentices and students (versus \$120 to \$140 for other attendees). For more information: <http://www.wagovconf.org/>

Local NAWIC Chapter Offers Student CAD/Drafting Competition

The Puget Sound Chapter of NAWIC (National Association of Women in Construction) is offering its annual CAD/Design/Drafting Competition to senior high school students.

The contest provides recognition to students for creative design, successful problem solving and craftsmanship in preparing architectural drawings. Entries are evaluated for detail, accuracy and originality of work. Objectives of the contest are to introduce the student to the construction industry in a positive and challenging manner, while fostering a sense of self-worth and building confidence.

This year's design problem is the design of a small energy efficient dental clinic. Details of the design problem and

(continued)

CAD/Drafting Competition continued ...

project requirements can be found at: [http://www.nawiceducation.org/sites/images/nef/2007-08_Des_Prob_rev\[1\].pdf?CFID=2897680&CFTOKEN=51411786](http://www.nawiceducation.org/sites/images/nef/2007-08_Des_Prob_rev[1].pdf?CFID=2897680&CFTOKEN=51411786)

Participating students are eligible to win local, regional, and national monetary awards.

Due dates for this year's competition are as follows:

- Student Application Form Due: January 10, 2008
- Completed Project Due: March 17, 2008

Both hand-drafted and CAD entries are encouraged. For more information and contacts for the NAWIC Puget Sound Chapter, click here: <http://www.nawicpugetsound.org/CAD/caddrafting.htm>

King County Offers Grants for Green Building

King County's new Green Building grants offer funding for projects seeking LEED certification. Grant awards between \$15,000 and \$25,000 are available for:

- New construction or major renovations in King County
- Projects in early design
- Certification at LEED-Silver or above

Funds are intended to help offset the upfront costs of green buildings, such as early design or modeling costs, and LEED registration and certification fees. Recipients can also get free technical assistance through King County's GreenTools Program, which is administered through the county's Solid Waste Division.

Grants are available for both residential and commercial projects. For more details, including application, guidelines, and current grant recipients: <http://www.metrokc.gov/dnrp/swd/greenbuilding/incentives/index.asp>

Construction Seattle

Seattle, WA – September 26-27, 2007

Excerpted from the www.constructseattle.com

Construct Seattle is a venue for Architects, Engineers, Contractors, Renovators, Developers, Builders and Specifiers to come together annually. Accredited speakers will educate on issues pertinent to the construction industry. The event provides opportunities to network with other construction professionals while viewing the latest products and services.

Why Attend?

- See over 150 exhibitors. Save time, get up-to-date product information, stay informed.
- Learn about new and innovative products.
- Discover low cost solutions for the design, construction and renovation of all buildings: residential, commercial, educational, healthcare, hotels, institutional.
- Choose from over 40 educational seminars and presentations. Hear expert advice on how to reduce costs and increase your revenues.
- Attend seminars and get some great ideas on how to improve your business. Hear what's new in technology.
- Visit the exhibits and take advantage of some great show specials.
- Participate, learn, enjoy and win some terrific prizes.
- Attend complimentary receptions to meet with other industry professionals and exchange ideas in a comfortable environment.

Build it LEED! for Contractors Workshop

Renton Technical College – August 3 and 6

In August, the CCE was proud to partner with representatives from the WA General Administration and WA Dept of Ecology to host the Build it LEED! for Contractors workshop. The workshops were well-attended, and provided contractors with a detailed overview of the points they can earn toward a LEED certification.

For more information about this workshop, visit Cascadia's website at <http://www.cascadiagbc.org/>.

Symposium on Apprenticeship Recruitment and Retention Excellence

Vancouver, Washington – July 17, 2007

This special event was offered as an adjunct to the July WSATC (Washington State Apprenticeship and Training Council) meeting held in Vancouver, Washington. One of the many highlights of the symposium was Connie Ashbrook's roll-out of a new train-the-trainer workshop.

Ashbrook, Executive Director of Oregon Tradeswomen, Inc., is a certified trainer for the workshop – titled "Transition to Trainer: Your Role as a Journey Worker" – for upper level apprentices/journey-level workers who will become trainers and mentors to new apprentices. In the next year, the workshop will be offered across Washington State.

Topics covered in the workshop include how trainers/mentors can best:

- Value the role of the journey worker/ apprentice trainer
- Serve as a mentor and job coach for apprentices
- Provide hands-on skill training to apprentices
- Provide feedback on apprentice performance

One of the main benefits of this program is retention – when apprentices have successful on-the-job learning experiences, they are more likely to stay on the job, which benefits both the trade and the company's bottom line.

ANew and OTI Receive Federal WANTO Grant

A WANTO (Women in Apprenticeship and Nontraditional Occupations) grant has been awarded to ANEW (Apprenticeship and Nontraditional Employment for Women) and OTI (Oregon Tradeswomen, Inc.). These organizations, in cooperation with 14 registered apprenticeship programs (RAPs), joined forces to create a grant application for federal funding that would place 200 women into registered apprenticeships in the building/construction trades over the 2-year period of the grant.

This Pacific Northwest Consortium was the recipient of one of only three WANTO grants awarded nationwide in 2007. The grant is offered by the US Dept of Labor Employment and Training Administration, and is designed to fund projects that will provide services to women to ensure that they have the skills and support needed to be placed and retained in registered construction apprenticeship programs.

Bates Technical College Starts Green Building Classes

A new 57-hour Environmentally Sound Construction series kicked off at Bates Technical College in March 2007, and will repeat in Winter quarter 2008. The series covers the LEED (Leadership in Energy and Environmental Design) Green Building Rating System, in addition to other green-related topics. Participants can sign up for the entire series of six courses, or may select from the following menu of individual sessions:

- Introduction to Residential Green remodeling
- Construction Materials for a Healthier Environment
- Building Healthy Indoor Air Quality
- Methods for Improving Water Quality
- How to Estimate, Market, and Sell Green Construction
- On-Site Application of Health Construction Practices

The series is being offered as a Construction Trades Extended Learning opportunity. Click here to view individual class descriptions from the Spring/Summer 2007 quarter catalog:

<http://www.bates.ctc.edu/home/pdf/SpringSummer2007Schedule8.pdf>

The 2007 Tacoma Narrows Bridge Is Open

Excerpted from <http://www.wsdot.wa.gov/projects/sr16narrowsbridge/>

After five long years of hard work and incredible engineering and construction challenges, the new Narrows Bridge opened to traffic on Monday, July 16. The first morning commute across the new bridge was as if someone had lifted a curtain of congestion - for the first time in years, traffic flowed on State Route 16 at highway speeds throughout the morning.

(Continued)

Narrows Bridge Is Open continued ...

A special Opening Day Celebration on Sunday 7/15/07 honored the communities served by the bridge, the drivers who will use it every day, and the men and women who put in more than 3.5 million work hours to construct the new bridge. Activities included a 5K Bridge Run/Walk, and a ribbon cutting ceremony carried out by a handful of workers who helped build the bridge.

Below are some 2007 Narrows Bridge facts from WSDOT:

Project Scope:	3.4 miles of roadway including new bridge. Boundaries are from Jackson Avenue NW in Tacoma to 36th Street NW in Gig Harbor.
Completion:	New bridge in summer 2007 1950 bridge retrofit in spring 2008.
Owner:	WSDOT
Contractor:	Tacoma Narrows Constructors (Bechtel and Kiewit venture)
Cost:	\$849 million (\$800 million paid by tolls)
Initial Toll:	TNB financial plan assumes \$3 roundtrip toll in first year; collected in eastbound direction.

Lieutenant Governor Looks at Building Tomorrow's Workforce

On July 11, the Legislative Committee on Economic Development and International Relations met at Spokane Community College to focus on the importance of trade, technical, and vocational training in the building the state's future workforce. The committee, made up of 13 legislators and chaired by Lt. Gov. Brad Owen, heard presentations from educators, labor and business representatives.

The Lieutenant Governor recently posted an opinion piece on his website related to this issue, which is excerpted below:

"As Washington, the country's most trade-dependent state, competes in an increasingly global economy, it is essential that we are providing these students with the right mix of skilled training that they will need to help our state succeed. Our continually changing economy means the demands for these skills are also subject to change, as well as the requirements surrounding trade skill development....Key is the continually evolving partnerships between the colleges, labor, industry and government which make vocational and technical education a priority. Not everyone goes on to get a university degree, but thanks to our incredible community college vocational training programs everyone does have an opportunity to succeed in the workplace today."

Construction Carnival Introduces High School Students to the Trades

Excerpted from the July 2007 Snohomish County Business Journal

On June 14, 2007, the Snohomish County Workforce Development Council hosted its first Construction Carnival at Naval Station, Everett's community site in north Marysville. Students from area school districts were in attendance, despite the rainy weather.

The event was based on a carnival theme, complete with hamburgers, hot dogs, and ice cream, as well as hands-on activities, and even a ride in a truck-mounted boom-and-bucket. Students had the opportunity to shape sheet metal into tool caddies, install house siding, tape drywall, connect sprinkler systems, and try out some power tools.

The list of event sponsors and exhibitors was extensive. Included were: the Snohomish County Construction Careers Partnership, Edmonds Community College, Habitat for Humanity, Brightwater Treatment Facility, Master Builders Education Foundation, and the Construction Industry Training Council (CITC).

Apprenticeship programs represented at the event included glaziers, architectural metal and glassworkers, electricians, boilermakers, carpenters, sprinkler fitters, operating engineers, ironworkers, painters, drywall finishers, floor coverers, stripers, plumbers, pipe fitters, cement masons, millwrights and plasterers.

Did you know...

- There were 15,466 active apprentices in WA for the 12-month period from 7/1/06 to 6/30/07, of which 1,795 were women and 3,563 were minority
- The average age of workers in the skilled trades nationwide is 48
- According to a 2006 study, Hispanics workers landed 2 out of every 3 new construction jobs nationwide
- 70% of Washington State high school students graduated “on time” in 2004
- 22% of Washington State employers had difficulty finding qualified job applicants with occupation-specific skills in 2005
- \$52,380 was the average first year earning of an apprenticeship completer in 2005

CCE Steering Committee Members

Chuck Bailey [Ironworkers Local #86](#)

William Bender [Central Washington University](#)

Beth Blanchard [Workforce Development Council of Seattle-King County](#)

Lucy Bodilly [Northwest Construction](#)

Pinky Dale [South Seattle Community College/Duwamish Apprenticeship and Education Center](#)

Marvin Doster [Mortenson & Company](#)

Willie Elliott [Tacoma Pierce County Employment & Training Consortium](#)

Cathy Feole [Master Builders Education Foundation](#)

Matt Gordon [New Market Skill Center](#)

Jon Grote [Pierce Community College](#)

Peter Guzman [City of Tacoma, LEAP](#)

Melina Harris [Sisters in the Building Trades](#)

Rick Hermanson [Hermanson Company](#)

Ed Holmes [Seattle Area Pipe Trades](#)

Mike Hudson [Institute for Workforce Development and Economic Sustainability](#)

Sandra Husband [Washington State Department of Labor & Industries](#)

Uriel Iniguez [Washington State Department of Labor & Industries](#)

Judy Jewell [Olympian Precast, Inc.](#)

Sean Lewis [Absher Construction](#)

Leanne Liddicoat [AGC of Washington Education Foundation](#)

Kevin Managhan [Inland Empire Electrical Training Trust](#)

Amy Martinez [South Central Workforce Council](#)

Rachelle Leigh McGinnis [Bates Technical College](#)

Steering Committee continued ...

Lee Newgent [Seattle-King County Building and Construction Trades Council AFL-CIO](#)

Kelcey Packineau [Yakama TERO Office](#)

Dave Perrin [Construction Industry Training Council](#)

Ken Pierson [Puget Sound Skills Center](#)

Melissa Pressley [KIRO TV/CBS](#)

Cal Pygott [Bothell High School](#)

Arne Reyier [Rushforth Construction](#)

Rickie Robinson [Seattle Housing Authority](#)

Denise Salo [Sound Transit](#)

Sam Samano [Snohomish County Workforce Development Council](#)

Tawny Sayers [Northwest Laborers Employers Training Trust](#)

John Schaufelberger [University of Washington](#)

Darlene Septelka [King County Bridgewater Project](#)

Doug Steinmetzer [Heat and Frost Insulators/Asbestos Workers Apprenticeship](#)

Kathy Swan [Pacific NW Regional Council of Carpenters](#)

Kathy L .Thomas [South Central Workforce Council](#)

Don Thompson [Commercial Welding](#)

Dale Wentworth [Seattle Area Pipe Trades](#)

Anne Wetmore [US Department of Labor](#)

Valerie Whitman [Max J Kuney Company](#)