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Civil Engineer Newsletter is published monthly from September to June for the Tacoma/Olympia Sections of the American Society of Civil Engineers.

To submit ads or articles of interest please contact the President of the section or the Editor. Information must be submitted not later than the 15th of the month to be included in the next publication.

For address changes/corrections, notify the Editor or the WEBmaster.

to



MAY 2003

MAY MEETING

TUESDAY
MAY 13

Port of Tacoma UPDATE

LaQuinta Inn, Tacoma
Oak Room
I-5 Exit 135, Portland Ave

11:30am - Social
Noon - Lunch and
Program

Lunch \$15/person*
*1/2 price for students
Oriental chicken salad w/
sesame ginger dressing and
dessert

RSVP by May 9
Susan Melton, 253.572.4975
susan.melton@amec.com
Dr. Igharo, 360.438.4322
pigharo@stmartin.edu

Note: Members with
reservations who do not
attend will be billed.

Port of Tacoma Development Update

Frank Davidson, Program Manager,
Pierce County Terminal Development project

Frank Davidson, Program Manager for the PCT Development project, will present an overview covering the Pierce County Terminal Conversion project background and history, design, review, and construction schedule, current status and final layout.

Evergreen America Inc. is a major container shipping tenant of the Port of Tacoma. In an effort to provide for the expansion and improvement of Evergreen's terminal facilities, the Port of Tacoma received authorization to carry out the Pierce County Terminal Conversion project.

As the centerpiece of the Blair Waterway development initiatives undertaken in 2002, the Pierce County Terminal Conversion will result in the construction of a 180-acre facility with state of the art integrated terminal, intermodal, and infrastructure components and will serve as the cornerstone for several other major Port of Tacoma development initiatives.

Speaker

Frank Davidson joined the Port of Tacoma in June, 1995. Since then he has been responsible for numerous port projects, including the Hyundai Terminal Construction and Expansion, the Port of Tacoma Road Grade Separation Rail projects, the Arrival and Departure Tracks and the North Intermodal Yard Upgrades. Frank is a Registered Professional Engineer and Registered Structural Engineer in Washington State.

Building Big Book Donation

By Jim Carlsen, PE, M.ASCE

Why this shape and not that? Why steel instead of concrete or stone? Why put it here and not over there? These are the kinds of questions that David Macaulay asks himself when he observes a structure. These questions take him back to the basic process of design from which all structures begin, from the realization of a need for the structures to the struggles of the engineers and designers to map out and create the final construction. These basic engineering processes are explored in Macaulay's Building Big.

Building Big, the book, is the companion to the PBS 5-part series from two years ago that explored bridges, tunnels, skyscrapers, domes, and dams. The Tacoma/Olympia Section was fortunate to receive 42 copies of this book for shipping costs only. As part of the Society's 150th Anniversary activities, the Section donated these books to area middle or junior high school libraries. School districts to receive a copy or several copies included Bethel, Griffin, Fife-Milton, North Thurston, Olympia, Peninsula, Puyallup, Steilacoom, Sumner, Tacoma, White River, and Yelm.

continued on page two



Make The Difference

They Provide the Quality of Life!

2002 - 2003 Board

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President's Corner

Chris Beckman
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April has come and gone with a few significant changes in the geopolitical landscape.

On the local level, it looks like a new transportation package is headed to the Governor's desk for implementation.

Not that I relish paying more at the pump (nickel/gal tax increase), but at least it will result in some worthwhile construction projects. Upgrading the landside connections with the ports in this state are long overdue.

While other industries in Western Washington are suffering from this rudderless economy, the intermodal trade area is a bright spot. I look forward to hearing about the latest planning and building for continued success at the Port of Tacoma.

Here's wishing everyone a great summer and a good start to Fall with another great ASCE booth at the Puyallup Fair. Please think about helping staff the booth or encourage your firm to contribute monetarily to the effort.

Thanks and I'll see you in September.



"Here's wishing everyone a great summer and a good start to Fall with another great ASCE booth at the Puyallup Fair."

—Chris Beckman
2002-03 President
Tacoma/Olympia Section

Building Big Book Donation, continued from page one

I extend my appreciation to the following individuals who volunteered to assist with distributing the Building Big books to these libraries: Chris Beckman, Peter Malsch, Gary Squires, and Dennis Walden.

I have one copy of Building Big remaining should someone have a school in mind that has not already received a copy. You may contact me at 383-2422. And again, a special thanks to those volunteers that assisted.

Book donation appreciation comments

Please accept our sincere thanks for the generous donation of the book "Building Big" by David Macaulay. It has greatly enhanced that portion of our library collection and will be enjoyed by our students for a long time to come.

Krista Scioli, Librarian, Kalles Junior High

It was so very thoughtful of you to donate this "Building Big" book to the Bethel Junior High. It is a beautiful book. We appreciate it, and it will certainly be an asset to our current collection.

Marlene Bodwell, Librarian, Bethel Junior High

Thank you for the recent donation of the book Building Big by David Macaulay. While we have several Macaulay titles we did not have any copies of Building Big. This will be an asset to our library collection. I know it will be read by many of our students and staff.

Deborah K. Shultz, Librarian, Nisqually Middle School

Jobs Open/ Seeking

resume/ad policy

There is no charge—space is limited. Ads must be received by the 15th of the month prior to the next newsletter. Ad will run for one newsletter only. The applicant must resubmit the ad each month for it to appear in the next newsletter.

The newsletter application is limited to the following: Name, membership status, ASCE section, engineering degree/year, position desired, years of related experience, address to obtain resume, and a daytime phone number.

Submit information (by the 15th of the month) to:
Richard Swanson
3539 81st AV SW,
Olympia 98512 or
richardswanson@attbi.com

TRANSPEED Courses

The Winter/Spring TRANSPEED Schedule Please view our website at <http://www.engr.washington.edu/epp/transpeed> for specific course descriptions and dates. Questions? Call: Christy Pack
TRANSPEED Program Coordinator
UW Engineering
Professional Programs
10303 Meridian AV N #301
Seattle, WA 98133
1.866.791.1275 toll free
206.543.5539 206.543.2352 FAX

Technical Communications for Engineers and Planners
May 19-20, Lacey

Manual on Uniform Traffic Control Devices
May 19-21, Lacey

Developing Contract Working Days
June 2, Moses Lake

Traffic Signal Design
June 11-13, 2003
Register On-line at
<http://www.engr.washington.edu/epp/transpeed>

12th Northwest Onsite Wastewater Treatment Short Course and Equipment Exhibition
September 22-23, 2003 University of Washington Seattle, Washington



Section Calendar of Events

May 13th Tacoma Program/Location to be announced

May 5th Board Meeting
6pm Tacoma Red Lobster
72nd & I-5- open to members and students

Sept. 5-9 Western Washington Fair,
Puyallup—ASCE Booth in the Education Barn.

***DATE/TIMES/LOCATIONS ARE TO BE VERIFIED**

Section Meetings are open and held once a month, September through June. Meetings are generally held on the second Tuesday of the month. Locations alternate between Tacoma and Lacey, and times vary between lunch and dinner meetings.

Local Board Meetings are open and generally held the first Monday of the month at 5:30pm. Locations vary. Please check the WEB site, this calendar, or contact the president for confirmation.

2003 Winter/Spring Professional Development Course Calendar

Please log onto the web site <http://www.engr.washington.edu/epp/cee/ntc> for a complete description of the course and registration information, or call us at:
Engineering Professional Programs
University of Washington
phone: 206.543.5539 or
(toll free) 1.866.791.1275

Quaternary and Engineering Geology in the Puget Sound Lowland May 1 & 2, 2003, Seattle

Infiltration Facilities for Stormwater Quality Control May 14 & 15, Seattle

Biological and Ecological Assessment and Habitat Monitoring -NEW- June 4 & 5, Seattle

For Management/Organizational Success Professional Development Short Courses, please see the website.

Don't Forget to VOTE!

Your slate of officers and ballot will arrive soon. Please cast your vote and mail the ballot in by the due date—and THANKS to all of you who graciously accepted nominations. We couldn't do it without you!