



SEATTLE SECTION NEWSLETTER

September 2007
Volume 43 No. 2

Section Officers

October 1, 2006—September 30, 2007

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WEBMASTER

Jarl Priest
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ASCE Seattle Section Meeting

Wednesday, October 10, 2007

Place: McCormick & Schmick's Harborside Restaurant
1200 Westlake Avenue North
Seattle, Washington 98109

Cost: \$20 per person (\$22 for late reservations)
Students \$10
Spouses and guests are welcome.
Cash or checks payable to ASCE are accepted.

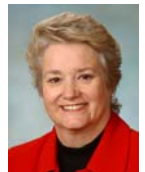
Meal: Macadamia nut chicken with honey lime butter sauce or Wild mushroom and asparagus risotto Dessert: Crème Brule.

5:30 Socialize
6:15 Dinner
7:15 Program: Proposition 1
8:40 End

Please make your reservations by
NOON Monday, October 8, by calling 206-926-0482
(voice mail system only — please leave a message)
or by sending an email to:
seattleascereservations@gmail.com

State Representative and Transportation Chair, Judy Clibborn, to Speak on Proposition 1 Prior to Crucial Section Vote

Roads & Transit is a proposal to improve roads and transit in Snohomish, King and Pierce counties. It contains an extensive package of transportation improvement projects that, if passed by the voters, would affect transportation in our region for years to come.



The Seattle Section Board passed a resolution supporting Proposition 1. A vote on this resolution will be held by Section members following the presentation by Chair Clibborn and a brief panel discussion by section members. We are honored to have as our speaker State Representative Judy Clibborn, Chair of the House Transportation Committee. Representative Clibborn has been extensively involved for many years with the State legislation and the development of the Roads & Transit proposal.

We will have handouts at the meeting providing more detailed information about the projects included, costs and funding of the Roads & Transit proposal. On page 4 of this newsletter, we have more information about the proposal, and on pages 5 and 6, we published the Seattle Section's position paper on this topic.

The deadline for the
November 2007 issue is
5:00 p.m.
FRIDAY, October 19, 2007
No exceptions.

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**AMERICAN SOCIETY OF  
CIVIL ENGINEERS, SEATTLE SECTION**  
<http://www.seattleasce.org>

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#### ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES

##### Employment Ads:

Employees Wanted:  
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First 75 words free  
75 cents per each additional word

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## President's Column

By Jack Bjork, PE



Welcome to a new year at the Seattle Section of ASCE. Thanks for your votes and confidence in me to lead the section for the upcoming year. As the incoming president I would like to propose the following goals as the direction for the Seattle Section in the coming year:

### Goal No. 1 – Be a Public Voice for Civil Engineering/Infrastructure.

Over my 30 years of practice I have seen a consistent lack of attention to infrastructure. It's costly, out of sight and unglamorous. This is particularly true in transportation where, despite the public's wishful thinking, there are no low cost solutions for the Puget Sound area. And we know that congestion will worsen and costs will increase. It is time to act. The Executive Board, including me, has voted to support the passage of Proposition 1 on RTID. We are now asking you to review the ballot measure and come prepared to vote at our October 10<sup>th</sup> meeting. An affirmative vote will authorize the Section to coordinate with the Transportation Partnership and Keep Washington Rolling coalitions in support of the Roads & Transit Proposition. I also ask that you consider supporting it independently and writing articles for local publication. Let the public hear the voice of civil engineers. Who knows more about this than we do?

The proposition creates the down payment on a long term solution that needs to be started now. It will be expensive but I do not want to pass on another problem to my son and his generation because we would not face up to it.

I have worked on water resources projects for most of my career including surface water management in the Puget Sound area for the past 25 years. During that time, it seemed that we were making substantial progress in protecting and improving our aquatic resources. Nonetheless, recent findings show that persistent problems remain in Puget Sound that will require renewed efforts to address. Therefore, the Section will become involved with the newly-formed Puget Sound Partnership at a committee level. We will also look for additional opportunities to make our voice heard as this progresses.

In the past, ASCE members have provided peer reviews of critical projects on a national and section level. With major infrastructure issues upcoming, we will

See *President's Column* on page 3

## Bio for October 10th Speaker

**Representative Judy Clibborn** serves the 41st Legislative District in the Washington State House of Representatives. The 41st District includes Bellevue, Mercer Island, Newcastle, west Issaquah and northeast Renton.

Representative Clibborn is the current Chair of the House Transportation Committee. Her legislative priorities include reducing traffic congestion and increasing road safety, improving our schools and sending more students to our state colleges, and continuing to increase job opportunities for working families.

Representative Clibborn's public and professional experience includes Mayor of Mercer Island, Mercer Island City Councilwoman, Executive Director of the Mercer Island Chamber of Commerce, and Registered Nurse at Harborview Medical Center. She has a BS/RN degree from the University of Washington. She has been a Mercer Island resident for 32 years and is married with three adult children.

be looking for opportunities to provide a reasoned, independent voice. And we may be asking you to be one of those voices.

**Goal No. 2 – Increase Member Involvement in ASCE Activities.**

We are all busy with work, family and life. This year we are going to increase membership activity by several means. We are encouraging member attendance at monthly meeting by:

- Pursuing top quality speakers to discuss current topics
- Providing good, low-cost dinners in a pleasant setting
- Calling new members to welcome them and invite them for complimentary dinners
- Having leadership team call members they know personally to invite to a meeting

We also plan to acknowledge new members individually each month in our newsletter. If you read that a friend or colleague has become a new member, this will give you a reason to call them and touch base. We will be providing their name, position and employer so you can find them. Networking can be important in your career no matter where you work.

We know many of you are active at a national level. We will continue to acknowledge members involved in national committees in the newsletter. Finally, we will be increasing publicity within the engineering community to expand participation in annual local awards for outstanding projects. I think members overestimate the amount of work needed to complete the application or overestimate the competition. Hey, one of my projects won a water resources award 5 years ago. Give it a try.

**Goal No. 3 – Raise the Bar for our Profession.**

As approved by a Section vote in 2005, we continue to pursue legislative passage of the continuing education requirement for professional development hours. Our legislative committee continues to work with other ASCE sections and engineering societies in Washington to get a bill through the legislature. A majority of states, including Oregon, now require some type of continuing education.

We will continue to monitor Policy 465 (BS +30 hours for initial licensure) and keep you informed. At its Annual Business Meeting in August 2007, the National Council of Examiners for Engineering and Surveying (NCEES) reaffirmed its 2006 decision to modify the NCEES Model Law with an implementation date of 2015. This is on the horizon and we will be looking to get your input to develop a Section position.

**Goal No. 4 – Improve and Expand Section Communication.**

Our two primary methods of communication are the webpage and newsletter. The webpage was initially set up a few years ago. As you know there have been major upgrades in web pages in recent years so we are going to redevelop the webpage with some new tools that will enable us to keep the calendar more up to date, improve its functionality and provide some new features. We are just starting this process, so if you have any ideas or would like to help Eric O'Brien with this, please contact him ([asce@ericobrien.org](mailto:asce@ericobrien.org)).

Similarly, the software for small scale publications like our newsletter has been improved. So we are going to upgrade the newsletter to make it better and more interesting to read. These upgrades also will allow the webpage and newsletter to have better linkages. We will continue to focus on an electronic newsletter but mail a hard copy to those members who do not have email.

Communication among the Executive Board was improved last year when Cliff Williams set up an eRoom for the Board. This has improved communication and allowed us to be more responsive on time-critical issues.

**Goal No. 5 – Make a Difference.**

One of the enjoyable aspects of our profession is that we can feel good that we are doing positive work that is making the world better. The Section will continue to support and expand our involvement with Rebuilding Together, Zoom into Engineering, Concrete canoe competition, Steel bridge competition, and Popsicle bridge competition.

Last year, the national organizations of ASCE and Engineers Without Borders (EWB) developed a new partnership. Now I see on my membership renewal form that ASCE members can become members of EWB at a discounted rate. Please consider joining EWB. I have also been talking to local officers of EWB and they tell me they have identified projects, in-country sponsors (which are essential), young enthusiastic engineers, and project funding. They are looking for help from our senior members in providing project management, technical assistance and QA/QC reviews on their worldwide projects. Let me know if you are interested.

Additionally, our Water Resources Committee is working with the Corps of Engineers to develop micro-hydroelectric projects to remote villages in Afghanistan. For more information, contact Perry Cole ([p.cole@incainc.com](mailto:p.cole@incainc.com)).

Thanks for your attention to this long column. I hope you read something of interest and I hope you find value in belong to ASCE this year.

*Sincerely, Jack Bjork, P.E.*  
(Section President)

# ASCE Seattle Section Executive Board Meeting Minutes

## For September 12, 2007

### Attendance:

Board Members: Paul Grant, Cliff Williams, Garth Merrill, Eric O'Brien, Doug Knapp, Arthur Fleming, Jack Bjork, Jeanne Justice, and Tom Schnetzer

Other Section Members: Larry Costich

Visitors: Larry Bennett

**1. Call to Order:** Section President Cliff Williams called the meeting to order at 4:30 PM.

### 2. Regular Business

- The June 20, 2007, Executive Board Meeting minutes were unanimously approved.

### 3. Treasurer's Report

- Revised June 13th budget report submitted. The Seattle Section fiscal year ends at the end of September.
- Concrete Canoe - checks still needed from account to others.
- Advertising invoices - Treasurer to coordinate with the Newsletter Editor on advertising invoices. Editor currently bills once a year for advertisements. Future billing will occur quarterly.
- SPA Grants - Larry Costich to coordinate with Treasurer on SPAG funds to Transportation Partnership.

### 4. Standing Committees Action Items

- No action items.

### 5. Technical Committee Action Items

- No action items.

### 6. Branch Action Items

- No action items.

### 7. YMF Action Items

- No action items.

### 8. Awards, Scholarships, Fellows/Life Members

- The Nominations Committee submitted one project for ASCE Region 8 Outstanding Project and two engineers for ASCE Region 8 Engineer of the year.

### 9. New Business

- Regional Transit Authority and Regional Transportation Improvement District - The Seattle Section Executive Board passes a motion authorizing its endorsement of the Roads and Transit Proposition to be published in the Section Newsletter and for the matter to be brought before the Members for approval at the October Section meeting.

### 10. Round Table Announcements

- ASCE Region 8 Update (Larry Bennett)
- Proposition One (Larry Costich)
- ASCE Budget Meeting (Garth Merrill)

Meeting adjourned at 5:30 pm.

**Next Meeting:** October 10, 2007 will be at McCormick and Schmicks in Seattle.

**Minutes taken by:** Tom Schnetzer

## Proposition No. 1 Regional Roads and Transit System

by David H. Enger, P.E., P.T.O.E.

Roads & Transit is a proposal to improve roads and transit in Snohomish, King and Pierce counties. It contains an extensive package of transportation improvement projects that, if passed by the voters, would affect transportation in our region for years to come.

Roads & Transit is being developed jointly by Sound Transit and the Regional Transportation Investment District (RTID) Planning Committee. The proposal will be on the November 6, 2007 ballot for voters in the Sound Transit and RTID Planning Committee districts. These districts generally include the urbanized portions of Snohomish, King and Pierce counties.

The Washington Legislature authorized the creation of both Sound Transit (in 1990) and the RTID Planning Committee (in 2002). The 2006 Washington State Legislature required Sound Transit and the RTID Planning Committee to jointly submit a transportation financing plan to voters in the 2007 general election.

Sound Transit is currently completing Phase 1 of a regional mass transit system, including light rail, commuter rail and express bus service. Sound Transit's Phase 2 plan calls for expanding the regional mass transit system and is the transit part of the Roads & Transit package.

The RTID Planning Committee has recommended a plan for road and bridge investments in key highway corridors in Snohomish, Pierce and King Counties. These investments would build on improvements that WSDOT has already made or are underway. The plan, called the Blueprint for Progress, is the roads part of the Roads & Transit package.

We are honored to have as our speaker State Representative Judy Clibborn, Chair of the House Transportation Committee. Representative Clibborn has been extensively involved for many years with the State legislation and the development of the Roads & Transit proposal.

We will have handouts at the meeting providing more detailed information about the projects included, costs and funding of the Roads & Transit proposal. The following web sites contain more information about Roads & Transit and some of the organizations involved.

- [www.soundtransit.org](http://www.soundtransit.org)
- [www.rtid.org](http://www.rtid.org)
- [www.roadsandtransit.org](http://www.roadsandtransit.org)
- [www.yesonroadsandtransit.org](http://www.yesonroadsandtransit.org)

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## Seattle Section Members Will Vote to Endorse the Roads & Transit Proposition at the October 10th Section Meeting

At its September 12th meeting, the Seattle Section's Executive Board approved the Legislative Committee's Position Paper endorsing the Roads & Transit Proposition. The Roads & Transit Proposition, also known as Proposition 1, will appear as a ballot measure during the November 6th general election. The Seattle Section ASCE bylaws allow the Section to approve a position on public policy matters by a simple majority vote of members attending the Section meeting after the position has been published. At the October 10th Section Meeting, members will be asked to approve the Position Paper endorsing the Roads & Transit Proposition. Prior to the Section vote, a panel discussion will be held on the Position Paper and rationale in support of the Roads & Transit Proposition.

**ASCE SEATTLE SECTION POSITION PAPER:  
REGIONAL TRANSIT AUTHORITY AND REGIONAL  
TRANSPORTATION IMPROVEMENT DISTRICT ROADS AND  
TRANSIT BALLOT PROPOSITION  
("ROADS & TRANSIT PROPOSITION")**

### POSITION STATEMENT

The Board of the Seattle Section of the American Society of Civil Engineers, representing the civil engineering community within a nine-county region, supports the Roads & Transit Proposition, which provides comprehensive transportation investments in King, Snohomish and Pierce Counties. ASCE supports measures to improve transportation infrastructure and financing strategies for such purposes. The Seattle Section ASCE has identified transportation and infrastructure funding to be its highest legislative priority. The Puget Sound Region's transportation infrastructure requires continued and substantial funding, which the Roads & Transit Proposition attempts to address. As professional engineers, it is our responsibility to protect the safety of the public and communicate the need for action on matters regarding the infrastructure around us. The Board believes that the Roads & Transit Proposition will lessen the safety risks threatening our community from deteriorating infrastructure and improve the region's ability to address its immediate and long-term transportation problems.

By its endorsement of the Roads & Transit Proposition, the Board recommends that the 2000 plus members of the Seattle Section communicate their opinions in support of roads and transit funding to our citizens and decisions makers at every opportunity.

### BACKGROUND

The Roads & Transit Proposition is a single ballot proposition approving formation of a Regional Transportation Investment District ("RTID"), the regional transportation investment plan described in RTID Planning Committee Resolution No. PC-2007-02, and the Sound Transit 2 plan proposed by the Central Puget Sound Regional Transit Authority (Sound Transit), as provided for in Chapter 509, Laws of 2007 (SHB 1396).

The new capital investments authorized by the Roads & Transit Proposition would create assets worth approximately \$17.8 billion in 2006 dollars (\$10.8 billion for Sound Transit and \$7 billion for RTID).

New taxes proposed:

- 0.6 of one percent of sales tax--six cents on a \$10 purchase (0.5 Sound Transit, 0.1 RTID)
- 0.8 percent MVET, or \$80 for every \$10,000 worth of value per vehicle (RTID only)

New tax revenues generated during 20-year investment period:

- Sound Transit: \$7.5 billion
- RTID: \$4.7 billion

The proposed new revenues would leverage existing taxes currently levied by Sound Transit and the State of Washington to fund the transit and highway projects. The portions of Snohomish County outside the Sound Transit district would be subject to RTID taxes only.

The specific projects funded by the Roads & Transit Proposition are identified in the Sound Transit 2 Plan, which would extend the region's light-rail system to 70 miles, create thousands of new Park and Ride slots, and expand bus and commuter-rail service; and RTID's Blueprint for Progress, which proposes investments in state highways, bridges and local roads in the three counties. The proposed projects would reduce congestion, ease chokepoints and improve safety. They would build on existing investments in key corridors.

### JUSTIFICATION FOR SUPPORTING THE ROADS & TRANSIT PROPOSITION

The transportation and infrastructure systems within King, Snohomish, and Pierce Counties, as throughout Washington State, are in immediate need for

See [Section Vote](#) on page 6

**Section Vote** (continued from page 5)

improvement and repair. ASCE's 2005 Infrastructure Report Card<sup>1</sup> found that:

- Congestion in the Seattle metropolitan area costs commuters \$820 per person per year in excess fuel and lost time.
- 26% of Washington's bridges are structurally deficient or functionally obsolete
- 34% of Washington's major urban roads are congested.
- 28% of Washington's major roads are in poor or mediocre condition.
- Vehicle travel on Washington's highways increased 23% from 1990 to 2003.
- Driving on roads in need of repair costs Washington motorists \$838 million a year in extra vehicle repairs and operating costs --- \$198 per motorist.

Underinvestment in our transportation system has also led to deteriorating structures, such as the SR 520 bridge, which was built in 1963. This bridge and other structures are vulnerable to failure from earthquakes, with unacceptable risk to lives and property. The SR 520 bridge carries over 100,000 cars every day. The traffic impacts if it failed completely ~ not to mention the loss of lives ~ would be devastating. The risks are real and well understood.

If passed, the Roads & Transit Proposition will fund not only the needed improvements to state bridges and roads, but also capital investments to enhance transportation mobility and provide greater transit options to citizens in the Puget Sound region. In general, the immediate and long-term infrastructure funding from the Roads & Transit Proposition will go toward the following measures:

- Replacing and retrofitting overpasses and bridges vulnerable to earthquakes.
- Reducing congestion and allowing first responders to move more quickly during an emergency.
- Building a fast, safe and reliable light rail system across the region that will help lift people out of congestion and make it easier to live and do business here.
- Building an additional 50 miles of light rail to connect Bellevue, Redmond's Overlake area, Mercer Island, Northgate, Shoreline, Mountlake Terrace, Lynnwood, Alderwood, the 164th Street/Ash Way

area, Des Moines, Federal Way and Tacoma, which will take cars off the road and provide better mobility options.

- Creating nearly 12,000 park and ride slots at bus, commuter rail and light rail stations for more efficient transit solutions.
- Building transit and fixing chokepoints to help improve traffic and move people and goods more quickly and reliably.
- Improving freight mobility and assisting our region to compete in an expanding global economy.

The capital investments provided by the Roads & Transit Proposition are necessary to secure the public safety, enhance the quality of life for the citizens of Puget Sound, and promote our regional economic vitality. As professional civil engineers and members of ASCE, we are uniquely qualified to communicate the need for action on matters regarding the infrastructure and transportation systems around us. We therefore endorse the Roads & Transit Proposition and support the foundation for a comprehensive regional solution that it creates.

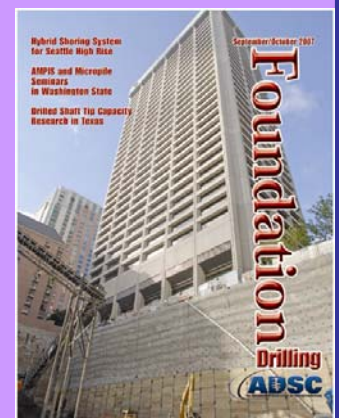
## ADSC's Foundation Drilling Magazine Subscription

By Tom A. Armour, PE,  
President, DBM Contractors, Inc.

The International Assoc. of Foundation Drilling (ADSC-IAFD) is providing all interested local non-ADSC member geotechnical and structural engineers a *Complimentary* one-year subscription to Foundation Drilling so that they can keep abreast of the developments in the industries served by the ADSC.

If you are interested, all you have to do is send an email expressing your interest with your contact information to [mmoore@adsc-iafd.com](mailto:mmoore@adsc-iafd.com) and copy [tar-mour@dbmem.com](mailto:tar-mour@dbmem.com). The ADSC staff will start the subscriptions and follow with a letter of introduction as to why they are sending the magazines to each interested engineer, and of course offer them an opportunity to decline receipt.

Get involved in the drilling industry and take advantage of this introductory offer!



<sup>1</sup> <http://www.asce.org/reportcard/2005/page.cfm?id=87>

## Attracting Today's Youth to Engineering Professions



Are you concerned that today's youth is not interested in math and science?

Are you the parent of an incoming 7th or 8th Grade Student?

Consider sharing your enthusiasm for your profession by recruiting your children's middle school to participate in National

Engineers Week Future City Competition. Our local Washington State Steering Committee is here to help you introduce the program to your math and science educators. We have informational packets, an all encompassing presentation and a great web-site (<http://www.ieee-seattle.org/futurecity/index.html>) to help describe the program. We will be happy to set up a meeting with your school and share information about this exciting opportunity for your children.

The Future City Competition is a national program sponsored by the engineering community to promote technological literacy and engineering to middle school students. It is in its 16th year of existence. This is the 10th year the Regional Competition has been held in the State of Washington and the 7th year that it has been hosted by the Seattle Section IEEE in Seattle. The local Regional Competition is organized and managed by a local steering committee and supported financially by local sponsors.

The program fosters an interest in math, science, team building and engineering through hands-on, real world applications. The competition is open to all public, private, home, and parochial schools. The Regional Finals of the Future City Competition will be held in Seattle Washington at the Seattle Center on Saturday, January 19, 2008. The National Finals of the Future City Competition are a featured event during National Engineers Week, with students from across the country competing in Washington, D.C. The winning team from Washington State Regional Competition will advance to the national competition in Washington, D.C.

Interested? Schools need to sign up by mid October, but it is best if the teams get to work as soon as school is back in session. Check out our website and contact Karen Pavletich - the Washington State Regional Coordinator at [kpavle@ieee.org](mailto:kpavle@ieee.org) or 425-462-3871.

## PSEC Mentor Night

PSEC is hosting a college student mentor night at Seattle University on October 9th from 6 PM to 8:30 PM. Sarah West with Golder Associates is our group's Public Relations Chair and she is available to answer questions. She is also offering to meet for dinner beforehand and try to organize car pooling to the event. Her contact information is Ph: 425-883-0777 and email: [swest@golder.com](mailto:swest@golder.com). If you would like to participate, you need to sign up directly with PSEC at [www.pseconline.org/events](http://www.pseconline.org/events) by October 1st.

## Region 8 Report

By Larry Bennett, Region 8 Governor,  
[benco@alaska.net](mailto:benco@alaska.net)

Hello again to ASCE in Alaska and Western Washington!

This is my last report as your official representative of the ASCE Region 8 Board of Governors. My term as governor expires as of the meeting in Boise September 27-29. At that meeting, the new Board will assign its members to the various sections throughout the region for the 2007-2008 year. With seven governors plus one society director, and 12 sections some governors will be assigned more than one section (as I was this year, with Alaska, Seattle and Tacoma/Olympia within my purview).



Dale Nelson from Alaska and Dennis Richards from Arizona will replace Guna Gunalan and me on the board. They will join continuing governors Mike Barton (Tucson, Arizona), Rick Martin (Spokane Valley, Washington), Bob Russell (Reno, Nevada), Kristina Swallow (Las Vegas, Nevada), and Bob Turner (Spokane, Washington), with Westley Chun (Honolulu, Hawaii) continuing as our society director.

I have thoroughly enjoyed my visits to sections, branches and student chapters. Last Wednesday evening I attended the Seattle Section board meeting and regular monthly dinner meeting and had the privilege of inducting the section's new officers. We heard an outstanding program on diversity in engineering, after which the section agreed that they will expand their activities in this important area.

It has been a pleasure, and a privilege, to serve on the Region 8 Board of Governors, and to be its representative to your units. Best wishes for an excellent 2007-2008 year!

## ASCE Geotechnical Group Reaches Fellowship Fundraising Goal

by Stan Boyle, Ph.D., P.E.  
Vice President, Shannon & Wilson, Inc.

The ASCE Geotechnical Group would like to update everyone on the status of our fund raising efforts for the Fellowship that we have established at the University of Washington in recognition of Professor Robert D. Holtz. Contributions and pledges totaling \$96,700 were made by over 70 individuals and firms. The Fellowship committee was aware of, but had not yet received by September 17, an additional \$9,000 or more in anticipated pledges and contributions. Assuming that the anticipated contributions are made, the \$100,000 goal to establish a fully endowed Fellowship has been achieved!!

By achieving this milestone, the State of Washington will contribute an additional \$25,000 to the fellowship! Thanks to all that contributed and assisted in making this happen. This is likely one of the few geotechnical engineering endowed fellowships created by a local chapter of a professional society. The individuals and firms that contributed have demonstrated the importance of, and their support for, the Civil and Geotechnical Engineering program at the University of Washington and Professor Holtz.

The following firms, in combination with their employees, donated \$5,000 or more to the fellowship and will be recognized as Major sponsors. At this level, the UW Foundation president will send annual financial reports on the status of the endowment fund. This recognition and communication goes for the lifetime of the donor.

- ASCE Seattle Section Geotechnical Group (\$50,000)
- Kleinfelder, Inc.
- GeoEngineers, Inc.
- Geotech Consultants, Inc.
- Hart-Crowser, Inc.
- Landau Associates, Inc.
- Northwest Cone Explorations
- Shannon & Wilson, Inc.

The following firms, in combination with their employees, donated \$2,000 or more to the fellowship. These organizations, and those that fall into the \$5,000 or more category, will become members of the UW President's Club, and be listed in this year's UW Report to Contributors. The donors will be invited to the annual UW President's Club reception hosted on campus by President Mark Emmert.

- DBM, Inc.
- Golder Associates, Inc.
- Lachel-Felice and Associates, Inc.
- STS Consultants

contributions of all amounts are appreciated and were necessary to reach the goal of getting the Fellowship endowed.

Thanks again to everyone - this is quite an achievement.

## Science Decathlon Urgent "Grass Roots" Support Needed

by Jason Colberg  
Executive Director, Science Decathlon

National Science Decathlon is based in north Seattle, Lake Forest Park, and is in need of local volunteer and financial support for ambitious 2007-2008 operations. Funding donated by engineers, firms, companies and individuals associated with the Puget Sound Engineering Council and associated societies and groups would be used for subsidizing registration (\$195.00/team, \$295.00/school), tournament development and to help up to 850 6th-12th grade science students from throughout the Puget Sound and Washington.



If funding goals are met by October 15 (November 1st at the latest), Science Decathlon would then need volunteer support from professionals to help with operations of a 2007 Washington Science Decathlon tournament at Canyon Park Junior High School in Bothell and Hudson's Bay High School in Vancouver. These volunteers would serve as tournament officials (10 hours/tournament), event supervisors (25 hour commitment/tournament) and coaches (100 hours minimum annually).

Participating in Science Decathlon is a fun and unique way to interest students in science and allow them to develop their knowledge and skills as they relate to integration of engineering disciplines as well as other non-engineering areas of science and academics. Detailed information about the program is available at [www.sciencedecathlon.com](http://www.sciencedecathlon.com). 501(c)(3) tax-deductible donations can be made via PayPal by visiting <http://www.sciencedecathlon.com/registration.htm>. E-mail requests for additional information, donation information and volunteer support can also be sent to Jason Colberg, executive director, at [cranefly@sciencedecathlon.com](mailto:cranefly@sciencedecathlon.com).





# Raise the Bar

September 2007 Newsletter  
by the ASCE Seattle Section Board

The ASCE Committee on Academic Prerequisites for Professional Practice has continued its efforts to raise the educational requirements for the future practice of civil engineering at the professional level (licensure). For more than a decade, ASCE has been presenting, talking, and listening to many stakeholders. As a result, we have been progressively refining our proposed program to "raise the bar" in engineering education.

Below is a summary for some key activities:

### *Second Edition of the Body of Knowledge (BOK) Committee*

ASCE released the first edition of the BOK in early 2004 and has now released a refined, enhanced, and updated version in DRAFT report for your review. You can download your copy of the draft report from [www.asce.org/raisethebar](http://www.asce.org/raisethebar).

### *Accreditation Committee*

The accreditation committee has prepared a new version of the civil engineering program criteria along with supporting commentary and advanced level general criteria. The new criteria and supporting commentary are listed at [www.asce.org/raisethebar](http://www.asce.org/raisethebar).

### *Educational Fulfillment of the BOK*

Another new committee is being formed before the end of 2007 to focus upon education fulfillment of the BOK.

### *Experience Fulfillment of the BOK*

A new committee, focused upon pre-licensure experience, was formed to more fully explore appropriate attainment of the BOK via experience.

### *Licensure Committee*

At its Annual Business Meeting in August 2007, the National Council of Examiners for Engineering and Surveying (NCEES) reaffirmed its 2006 decision to modify the NCEES Model Law requiring a bachelor's degree plus 30 additional credit hours for initial licensure.

Questions, Comments, or Suggestions? Please contact Jeff Russell ([russell@engr.wisc.edu](mailto:russell@engr.wisc.edu)) or Tom Lenox ([tlenox@asce.org](mailto:tlenox@asce.org)).

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## Calendar of Upcoming Events:

### October 17th, 6pm – 9pm

#### **North Branch Meeting**

Location: Bob's Burger and Brews in Burlington

Speaker/Topic: Bob Hyde – Port of Bellingham projects

Contact: Inga Drechsel, (360) 676-6985 ext. 215 or [mid@deainc.com](mailto:mid@deainc.com)

### October 23rd, Noon - 1pm

#### **Urban Development and Transportation Committee Brown Bag Luncheon**

Location: DMJM Harris – Bellevue Office

Topic: Sound Transit Phase 2 projects which will be on the November ballot.

Contact: Attila Laszlo, (206) 406-6514

### October 27th, 8:30am

#### **History & Heritage Committee Meeting**

Location: TBD

Contact: Cindy Hirsch, (206) 438-2150 or

[Cindy\\_Hirsch@urscorp.com](mailto:Cindy_Hirsch@urscorp.com)

### December 12th, 6pm – 9pm

#### **North Branch Meeting**

Location: TBD

Speaker/Topic: Karen Dix-Colony – Boeing runway design protocols

Contact: Inga Drechsel, (360) 676-6985 ext. 215 or [mid@deainc.com](mailto:mid@deainc.com)

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## TIME VALUE

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AMERICAN SOCIETY  
OF CIVIL ENGINEERS

SEATTLE SECTION

