



SEATTLE SECTION NEWSLETTER

October 2008
Volume 44 No. 2

Section Officers

October 1, 2008 – September 30, 2009

SEATTLE SECTION OFFICERS

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Jack Bjork, <i>Immediate Past President</i>	206-695-4608
Jeanne Justice, <i>Director (2009)</i>	425-556-2887
Perry Cole, <i>Director (2010)</i>	425-732-5684
Erin Fletcher, <i>Director (2011)</i>	206-770-3504

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Doug Knapp, <i>Board Representative</i>	206-764-3542
Rhiannon Parmelee, <i>Secretary</i>	206-325-5254
Gaurav Mathur, <i>Treasurer</i>	206-494-3117
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KITSAP BRANCH OFFICERS

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David Dinkuhn, <i>Vice President</i>	360-850-5319

NORTH BRANCH OFFICERS

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James Perry, <i>Secretary/Treasurer</i>	360-855-2121
Rhett Winter, <i>YMF Chairperson</i>	360-647-7151

BOEING BRANCH OFFICERS

Kenneth DeBord, <i>President</i>	425-237-4294
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WEBMASTER

Lisa Martinez	seattleasce@yahoo.com
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ASCE Seattle Section Meeting

Wednesday, October 8, 2008

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

Cost: \$30 per person (\$35 for late reservations)
Students \$10

Spouses and guests are welcome.
Cash or checks payable to ASCE are accepted.

Meal: Macadamia nut crusted chicken with honey lime butter
-or- vegetable stir fry with sticky rice Dessert: Cheesecake

5:30 Socialize

6:15 Dinner

7:15 Program: Sound Transit Expansion Proposal (ST2)

8:40 End

Please make your reservations by

NOON Monday, October 6, by calling 206-926-0482

(voice mail system only — please leave a message)

or by sending an email to:

seattleascereservations@gmail.com

Please indicate with RSVP if the vegetarian meal is preferred

Sound Transit Expansion Proposal (ST2)

Transportation is consistently called the region's No. 1 problem, creating a need for new solutions. With rising gas prices and environmental concerns, people want more transit options. At the general election on November 4, 2008, residents will decide whether to expand mass transit in the Central Puget Sound region. Sound Transit's Mass Transit Expansion Proposal (ST2) responds to immediate demand for more regional transit service by delivering a 17 percent increase in express bus service in 2009, and achieves a 55-mile regional light rail system five years sooner than earlier proposed. The plan also addresses the region's projected population increase of 1.2 million by 2030. The speaker will be **John Sleavin, P.E.**, Link Civil Design Manager for Sound Transit.

Come to the October meeting to hear this very important briefing.

The deadline for the
November 2008 issue is
5:00 p.m.
FRIDAY, October 17, 2008
No exceptions.

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

Volume 44 No. 2, October 2008  
Published 10 times a year

#### ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES

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First 75 words free  
75 cents per each additional word

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## President's Column

By Ann Bryant, P.E.



Welcome to a brand new year for ASCE Seattle! As your new President, I would like to welcome new board members Erin Fletcher (Director), Josh Shippy (Younger Member Representative), and Ron Bard (President Elect), and thank our returning board members and committee chairs for embarking on another year of service.

Since I haven't had a chance to meet all 2,400 of you, I'd like to take this opportunity to introduce myself. This year will be my eighth year on the Seattle Section Board, after serving three years as the Younger Member Representative, three years as Director, and one year as President Elect. To eliminate any confusion, some of you may remember me by my maiden name, Ann Epler. After graduating from Gonzaga University, I've spent most of my professional career on the Section Board. I am a native Seattleite, and have worked for both Hammond Collier Wade Livingstone and Tetra Tech (KCM) as a member of their water and wastewater groups. Last year, I made the difficult decision to take the opportunity to stay at home with my son, who just turned one in August. While I have this "free time," I decided to run for President, and am excited and honored to have the chance to serve as President of the Seattle Section.

I have three goals that I will have us working toward this year. The first goal is to improve communication both to the general section, and within leadership. Our current email distribution system is not reaching each and every one of you. We are working to have this situation fixed as soon as possible. Our website has recently been updated, and soon will have a user-friendly calendar, where board members, committee chairs, and branch officers can upload event information. By the end of my term, the outdated Duties and Procedures Manual (DPM) will be updated. With a volunteer organization, so much history and knowledge is lost as leadership turns over. It is vital for the continued success of this Section that information be captured in the DPM.

See *President's Column* on page 3

## Bio for October 8 Speaker

**John Sleavin, P.E.** is Link Civil Design Manager for Sound Transit. John has spent most of his career working on transportation projects. He received a BS in Civil Engineering from the University of Washington in 1984, and started in the field of engineering as a rear chainman on survey crews. The array of projects with which he has been affiliated is impressive.

Globally, John has worked on intercity commuter rail and freight rail improvements in Malaysia and neighborhood transit access studies in Singapore. Slightly closer to home, he left his mark in Portland with work on Westside light rail, the Hillsboro Extension, Interstate MAX, and the Portland Streetcar.

And his Seattle record is almost a history of major engineering projects for the region: Link light rail, the South Lake Union Streetcar, Sounder commuter rail between Seattle and Tacoma, I-5 HOV improvements in Seattle, the original construction of the Downtown Seattle Transit Tunnel, and many county and city road improvements.

**President's Column** (continued from page 2)

My second goal is to increase member involvement in ASCE activities. With over 2,400 members, we are one of the largest sections in our region. We will continue to pursue top quality speakers to present topics of interest to you. If you've always thought about attending a meeting, or joining a committee, I challenge you to do it this year. If you have any ideas for meeting topics or speakers, please let us know!

My third goal is to continue to be a public voice for the local Civil Engineering Community. We will continue to support infrastructure funding efforts by assisting both state and local agencies with gathering information on critical issues. We will also be available to provide members for peer review of local projects. We will continue to support our educational outreach programs, such as the Popsicle Stick Bridge Building Competition and the ZOOM into Engineering Program.

If you have any questions, comments, feedback, or just want to say hello, please contact me! The best way to get in touch with me is to send an email message at [ann.bryant@comcast.net](mailto:ann.bryant@comcast.net). I look forward to meeting all of you this year!

Sincerely,

*Ann Bryant, P.E.*

Section President

### Correction

In the September 2008 issue, the photo for the 2008 ASCE Surveying and Mapping award was printed beside the wrong article. The award was awarded posthumously to Professor Emeritus Josiah E. (Joe) Colcord. The following photo shows Professor Emeritus Ron Nece (third from right) presenting the award to Professor Colcord's daughter, Kathy Colcord-Moen, and her husband, George Moen.



## Ron Borowski Appointed as Region 8 Governor

By Jack Bjork, P.E.

On September 18th, Seattle Department of Transportation engineer and former ASCE Seattle Section President Ron Borowski was appointed by the Region 8 Governors to fill the open position on the Region 8 Board of Governors. Region 8 includes nine western states. This is great news for Ron and the Section because it provides representation for the Puget Sound area on the regional board of governors. Congratulations to Ron.

## Mark Killgore Receives Service-to-the-Profession Award

The EWRI Planning & Management Council awarded its 2008 Service-to-the-Profession Award to Mark Killgore, P.E., D.WRE, M.ASCE, for his whole-hearted devotion to EWRI



*Eric Loucks, EWRI Planning and Management Council Chair (left), presents the Service to the Profession Award to Mark Killgore.*

and its mission, his enthusiastic and sustained leadership with the International Council addressing cross-border water management, and specifically his devotion to U.S.-Mexico border water issues and institutions. Mark is a past president of the Seattle Section of ASCE. The award recognizes and honors a person for outstanding leadership, activities, and achievement in service to the profession in the field of water resources planning through the institute, councils, local sections, or other organizational units of the Society.

Mark currently serves on the EWRI Governing Board and is a Hydro Implementation Program Manager at Puget Sound Energy in Bellevue.

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# ASCE Seattle Section Executive Board Meeting Minutes

## For August 27, 2008 and September 10, 2008

### August 27, 2008 Meeting

#### ATTENDANCE

##### Board Members

Present: Jack Bjork, Ann Bryant, Perry Cole, Jeanne Justice, Garth Merrill, Marc Schulte, Josh Shippy (for Doug Knapp), Cliff Williams.

Absent With Notice: Arthur Fleming.

Quorum: YES

##### Other Members Present

Erin Fletcher, Ron Bard, Kris McArthur.

##### Visitors

(None).

#### CALL TO ORDER

Section President Jack Bjork called meeting to order at 8:30 p.m.

#### PROCEEDINGS

##### 1. New Business

##### Region 8 Award Nominations

*Background:* ASCE Region 8 has opened nominations for outstanding young management engineer and outstanding young design engineer.

*Discussion:* Nominations are open to engineers younger than 35 years old. Erin Fletcher was the 2008 Puget Sound Engineering Council (PESC) outstanding young engineer, and Eric Herzstein is the Seattle Section's Younger Member Forum president-elect.

*Motion:* The Seattle Section Board endorses the nomination of Erin Fletcher as the ASCE Region 8 outstanding young management engineer, and Eric Herzstein as the ASCE Region 8 outstanding young design engineer. (Bryant). Merrill (2nd).

MOTION PASSED.

##### Nomination and Endorsement of Region 8 Governor

*Background:* ASCE has opened nominations for an appointed position as Region 8 governor.

*Discussion:* Unfortunately, Seattle Section member Ron Borowski was unsuccessful in his bid for an elected Region 8 governor position. Western Washington is not currently represented on the Region 8 board.

*Motion:* The Seattle Section board nominates and endorses Ron Borowski for the appointed Region 8 governor position. (Bryant). Cole (2nd).

MOTION PASSED.

##### Engineers Without Borders

Kris McArthur of the University of Washington Chapter of Engineers Without Borders (EWB) presented a description of their work in Yanayo, Bolivia. Members of the UW EWB team will be returning to Bolivia soon. Kris requested a donation

from the Board of \$2000. This money would retrofit approximately five homes with a new roof and chimney, which would help prevent the parasitic Chagas disease and reduce maladies associated with indoor air pollution.

*Discussion:* ASCE has been pursuing partnership with EWB at the National level. There are three EWB organizations in the Seattle area, including chapters at University of Washington, Seattle University, and a professional group. There was consensus that the Seattle Section Board would like to pursue partnerships on the local level.

*Motion:* The ASCE Seattle Section Board will provide \$2000 to the UW Chapter of EWB for the retrofit of five homes in Yanayo, Bolivia. (Cole). Merrill (2nd).

MOTION PASSED.

##### Adjournment

Meeting adjourned at 8:45 p.m.

Minutes submitted by Secretary, Marc A. Schulte.

### September 10, 2008 Meeting

#### ATTENDANCE

##### Board Members

Jack Bjork, Ann Bryant, Perry Cole, Erin Fletcher (for Arthur Fleming), Jeanne Justice, Doug Knapp, Garth Merrill, Marc Schulte, Cliff Williams.

Quorum: YES

##### Other Members Present

Ron Bard, Paul Grant, Nicole Cason, Dave Enger

##### Visitors

None

#### CALL TO ORDER

Section President Jack Bjork called meeting to order at 4:30 p.m.

Board unanimously approved June 11, 2008 meeting minutes.

Board unanimously approved August 27, 2008 meeting minutes.

#### PROCEEDINGS

##### 1. Regular Business

##### Treasurer's Report

Current account balance was spent down in 2007-2008, as was anticipated in the budget plan. Student activities fund currently has a healthy surplus. This

*Motion:* The Seattle Section Executive Board directs the treasurer NOT to transfer \$1500 from the Student Activities Fund to the general account. (Bryant). 2nd (Merrill).

MOTION PASSED

See [September Minutes](#) on page 5

## 2008-2009 Budget

Garth presented the proposed 2008-2009 budget, which was developed based on planning meeting in August. The budget plan is to continue to spend down the current account balance, with careful monitoring to ensure that there are enough funds to remain solvent for writing checks.

Motion: The Seattle Section Executive Board approves the 2008-2009 budget as annotated [no dollar changes]. (Cole.) Knapp (2nd).

MOTION PASSED

## Standing Committees

Standing committee report uploaded to eRoom earlier in the week.

### *History and Heritage Committee*

Time to start archiving 2007-2008 materials.

### *Diversity Committee*

Diana is back in the office and anticipating gearing up diversity committee activities again this fall. There was round table discussion of possible diversity committee members to help.

### *Legislative Committee*

Jack mentioned that there is a reception for Congressman Rick Larson upcoming in Everett. This may be a good opportunity for an ASCE member to attend, perhaps from the North Branch. Erin Fletcher will follow-up on this with.

### *Awards Committee*

Cliff asked the Board whether last year's outstanding project award applications should be included in archive. This should be discussed with history and heritage committee.

## Branch Reports

Branch reports were uploaded to eRoom earlier in the week. North Branch had several activities this summer, including a visit with Margaret Haugen. There is a Low Impact Development event upcoming on San Juan Island. Rhett Winter is stepping down as YMF chair. Kitsap Branch is in transition this summer, will be re-building after Ron Lavoie's departure. Boeing Branch is planning to sponsor a student event at the Future of Flight museum.

## Technical Committees

Technical committees report uploaded to eRoom earlier in the week. Most committees have leadership transition this past summer. There is a ports and harbors seminar in Bremerton tonight.

## Younger Member Forum

YMF report uploaded to eRoom earlier in the week. YMF had a busy summer of activities, and is looking forward to National Conference in Pittsburgh. There was discussion of Popsicle Stick Bridge competition at next spring's PSEC Fair, possible interference with President's Day weekend and Valentines Day, and possibly changing the date to help encourage participation.

## 2. Old Business

### *Newsletter and Web Site*

Still having issues with newsletter invoices. Web master will be developing a calendar application for the web site. Board indicated a preference for keeping with a .pdf copy of newsletter.

### *Email Management/On-Line Meeting Registration*

Marc related the various options for an improved email management and/or on-line meeting registration system. Board's consensus was that vendor bids were too expensive, since the cost would be larger than the cost of paying for meeting no-shows. We will maintain current email strategy, possibly adding PayPal-type payment system or even using restaurant card swipe.

NO ACTION ITEMS

## 3. New Business

Looking for volunteers at the Engineer Your Life booth at college/career fair at end of this month.

Ideas needed for programs for 2008-2009 meetings.

Marc is gearing up for this year's Annual Report to ASCE National, will be sending out email requesting committee reports soon.

Re-start the update of the Duties and Procedures Manual.

### *Announcements for Meeting*

PSEC

Engineers Without Borders

NO ACTION ITEMS

## ADJOURNMENT

Meeting adjourned at 5:45 p.m.

Minutes submitted by Secretary, Marc A. Schulte.

## ADDENDUM TO SEPTEMBER 10, 2008 MINUTES

### **RH Thomson Scholarship Committee Appointment**

*Background:* The RH Thomson Scholarship Committee made a nomination for a new member of their committee. The Board voted on the nomination using the eRoom forum the week of September 22.

*Motion:* The Executive Board of the Seattle Section of ASCE accepts the recommendation of the RH Thomson Scholarship Committee and confirms the appointment of Charles Couvrette, P.E. to a three-year term on the Committee. (Bryant.) 2nd (Schulte).

MOTION PASSED

Addendum Submitted by Secretary, Marc A. Schulte

September 26, 2008

## North Branch Participates in Northwest Washington Fair Booth

By Rhett Winter, P.E.  
North Branch YMF Chairperson

I am pleased to report that the "Careers in Engineering and Public Works" booth at the Northwest Washington Fair was a roaring success. The fair ran from August 11 through 16. The volunteers staffing the booth included engineers from 15 private companies, along with representatives from city and county public works. Without exception, everyone thought the booth was an effective tool for outreach to the public on the value of public works and engineering to our lives and the opportunities presented when choosing a career in either.

Volunteers were excited, motivated and, for the most part, thoroughly enjoyed their time spent in the booth (other than the 90+ afternoon). Many of the volunteers have powerful stories to tell of how they reached the public through these activities and feel they were able to make a significant impact on kids and adults alike when explaining the importance of engineering. The fair this year had a record attendance of approximately 222,108 people and we estimate that, of those, upwards of 10,000 visited the booth over the six-day event.

Our booth served as a valuable public service and was well suited for this venue. We all depend on engineering and public works in our daily lives. The Northwest Washington Fair is intended to show the bounties of agriculture and commerce, both of which depend on products of the engineering profession.

Our event planning group included Rhett Winter with David Evans and Associates, Penny Rings with Wilson Engineering, and Joy Monjure with the City of Bellingham. A side benefit of this effort was that, in many cases, engineers were able to meet and spend time with others in the field who they would not otherwise have met, including the planning group.

Bellingham Public Works Director Dick McKinley has agreed to continue funding the booth with this focus in 2009, and we would appreciate your support again as well. We intend to begin the planning process early and will be firming up our funding partners in the spring.

Thank you for your support of this unique outreach opportunity and we hope you agree that this was a worthwhile investment in your goal of *enhancing the image of public works and engineering, and making it the career of choice in the future.*

## Help Needed at PSEC Mentor Nights

By W. Paul Grant, P.E., President PSEC

If you are interested in being a mentor for a night for college students, the Puget Sound Engineering Council (PSEC) needs your help! The purpose of the mentor nights is to bring as many practicing engineers together with as many students as possible. PSEC is trying to inspire students, most of whom are sophomores or juniors, toward a career in engineering. The mentoring is focused on the one night, with engineers explaining what their experience in the profession has been and answering questions posed by students.

The evening also includes a panel discussion comprised of four professionals from various organizations, disciplines, years of experience, and diversity. Mentors are welcome to come early to hear the panel. Break-out sessions will focus on one-on-one mentoring of students by mentors in their discipline. Students will rotate between mentors and tables to get a broad overview of answers to their questions.

### October 8, 2008 at Edmonds Community College

Serving students from North Puget Sound area community colleges (Edmonds, Everett, Shoreline, North Seattle, UW Bothell, Cascadia, Skagit Valley, Peninsula, and Bellingham)

6 p.m., Tryton Union Building (TUB) Conference Room, Edmonds Community College

To volunteer, contact both [art.louie@snoco.org](mailto:art.louie@snoco.org) and [crista.shaw@edcc.edu](mailto:crista.shaw@edcc.edu).

### October 21, 2008 at Seattle University

Serving students from Seattle University and Seattle Pacific University

6 p.m., Seattle University Student Center 160 A and B

To volunteer, sign up online at [www.pseconline.org/Events/MentorNights/SignUp](http://www.pseconline.org/Events/MentorNights/SignUp) by October 15.

For questions, contact Joe Souther, [southerjt@cdm.com](mailto:southerjt@cdm.com).

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## Washington State Legislative Report

By Jack Bjork, P.E.

Our Section is a member of the Architect and Engineers Legislative Council (AELC). We contribute about \$5,000 annually to AELC and part of that goes to a professional lobbyist, Cliff Webster of Nancee Wildermuth & James Curry. For the last session he filed this report.

During the 60-day legislative session, 1,700 bills were newly introduced, in addition to the 2,600 bills introduced last year that had not passed and were still eligible for consideration. Nearly 350 made it to the governor's desk. Here are summaries of the issues most important to AELC.

### GOVERNMENT CONTRACTING/A&E SELECTION

**Public Contracting by Port Districts (2SHB 3274 - PASSED).** Following the state auditor's performance audit of the Port of Seattle, several bills were introduced to address public contracting procedures. In addition to adding new requirements for contracting for personal services by port districts, HB 3274 for the first time provides an enforcement mechanism against public agencies that fail to comply with qualifications-based selection procedures for A&E services. Agency personnel will be subject to civil penalties for a willful and intentional violation of the statutory requirements for the competitive selection of professional design services.

**Addressing Public Works Procurement (ESSB 6235 - DIED).** ESSB 6235 was another attempt to address concerns raised by the Port of Seattle performance audit. It proposed to change how construction-related services and professional consulting services are defined for purposes of public works contracting. The bill would have added project management, construction supervision, and construction management to the professional services required to be procured using the qualifications-based selection methods set out in Chapter 39.80 RCW (A&E selection). The bill passed the Senate, but died in the House.

### LIABILITY

**Residential Construction Liability (SSB 6385 - DIED).** SSB 6385 would create a new cause of action for "negligent" construction on single-family residences based on a "reasonable care" standard. The bill was amended in the House of Representatives to create a statutory implied warranty (similar to the statute on condominium construction), but concerns about its effect on insurance and litigation costs kept it from coming up for a vote in the House.

**Certificate of Merit for Design Professionals (SB 5833 - DIED).** AELC advocated for this measure to protect de-

sign professionals from unwarranted lawsuits. Similar to a provision found in the medical malpractice reforms enacted in 2006, SB 5833 would require claimants to have a certificate of merit at the time of filing a negligence claim against a design professional. The bill remained in the Rules Committee due to the constraints of a short session.

**Wrongful Death (E3SHB 1873 - DIED).** The Washington State Trial Lawyers Association pushed this bill to expand the types of damages available and the number of beneficiaries able to claim damages in wrongful death, survival, and child death claims. The Liability Reform Coalition (LRC), Washington Construction Industry Council, and state and local governments joined in opposing the bill. A report by the actuarial firm Milliman, Inc., commissioned by the LRC, determined the increase in frequency of wrongful death cases against the state would be 80 percent—at an additional cost to the state of \$9.3 million annually. The bill died in a dispute between the Senate and House over Senate amendments successfully added to the bill by the LRC and its allies.

### REGULATORY ISSUES

**Anti-Vesting (SHB 3202/SSB 6784 - DIED).** This bill would have significantly altered Washington's vesting laws, affecting when development rights could be vested and leaving design professionals and building officials without clear and predictable guidelines for construction and development. Considerable expense and time delays would result from requiring project applicants to revise or update plans based on regulations that are passed or altered after filing of the application. The construction industry, business community, and county officials were united in opposing the bill.

**GMA Climate Change (ESSB 6580 - PASSED).** Adding climate change as one of the elements of the Growth Management Act will be studied through pilot projects. The Department of Community, Trade and Economic Development will work with six cities to address global warming mitigation, adaptation, and reduction of vehicle miles traveled. Reports will be made back to the Legislature before the 2009 session.

### TRANSPORTATION

**520 Bridge/Tolling (ESHB 3096 - PASSED).** The SR 520 tolling implementation committee is formed to make recommendations on financing and traffic-related issues by January 2009. Once the committee has submitted its report, tolling may be used on the existing 520 bridge, with legislative approval. The bill also defers payment of state and local sales tax for the bridge replacement until five years after completion.

# U.S. Congressional Report

By Jack Bjork, P.E.

This year ASCE has become an advocate for infrastructure funding. Here are two tables that show how the Seattle Section's members of Congress voted on bills that ASCE targeted. Overall, this summary shows that they have been supportive. Correspondence from you, their constituents, would be helpful in reinforcing these voting trends.

| Senate Votes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ASCE Position | Administration Position | Murray | Cantwell |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|--------|----------|
| <p><b>#1: HR 3074 Fiscal 2008 Transportation-HUD Appropriations</b> - Passed bill that would appropriate \$104.7 billion in fiscal 2008, including \$51.1 billion in discretionary spending for the departments of Housing and Urban Development and Transportation, and related agencies. It would provide \$65.7 billion for the Transportation Department, including \$40.2 billion for the federal aid highway program, and \$38.7 billion for the Housing and Urban Development Department. It would appropriate \$14.6 billion for the Federal Aviation Administration and fund grants to Amtrak at \$1.4 billion. It would provide \$9.6 billion for the Federal Transit Administration. As amended, the bill would increase the obligation limitation for the Highway Trust Fund by \$1 billion to repair aging bridges.</p> | Y             | N                       | Y      | Y        |
| <p><b>#2: Water Resources Development Act</b> - Passed over Presidential veto a bill that would authorize \$23.2 billion for 900 water resource development projects and studies by the Army Corps of Engineers for flood control, navigation, beach erosion control and environmental restoration. The bill would require independent peer review for projects that exceed \$40 million. It would authorize \$3.9 billion for a system of new locks and dams and environmental restoration for the Upper Mississippi River and Illinois Waterway system. It also would authorize hurricane recovery activities along the Gulf Coast.</p>                                                                                                                                                                                            | Y             |                         | Y      | Y        |
| <p><b>#3: S. 716 COMPETES Act</b> - Passed bill that would authorize \$20 billion for education in science and math through fiscal 2010. It would authorize for the National Science Foundation \$6.8 billion for fiscal 2008; \$7.4 billion for fiscal 2009; \$8.4 billion for fiscal 2010; and \$11.2 billion for fiscal 2011. It would authorize for the National Institute of Standards and Technology \$703.6 million for fiscal 2008; \$773.9 million for fiscal 2009; \$851.4 million for fiscal 2010; and \$936.5 million for fiscal 2011.</p>                                                                                                                                                                                                                                                                               | Y             |                         | Y      | Y        |
| <p><b>#4: SAFTEA-LU Technical Corrections Act</b> - Passed the bill to make revisions and technical corrections to the program, including earmarking of public lands highway funds for forest roads, defining "transportation systems management and operations," replacing "federal-aid system" with "federal-aid highways" in apportionment of highway safety improvement program funds, and authorizing a state to expend unused funds for installation of protective devices at railway-highway crossings on highway safety improvement program projects.</p>                                                                                                                                                                                                                                                                    | Y             |                         | Y      | Y        |

See [Congressional Votes](#) on page 9

| House Votes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ASCE Position | Administration Position | 1 – Insee | 2 – Larsen | 6 – Dicks | 7 – McDermott | 8 – Reichert | 9 – Smith |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|-----------|------------|-----------|---------------|--------------|-----------|
| <b>#1: HR 720: Clean Water Revolving Fund</b> - Passed bill that would authorize \$14 billion in fiscal 2008 through 2011 for the Clean Water State Revolving Fund and \$2 billion for three other EPA clean-water programs.                                                                                                                                                                                                                                                                                                                               | Y             | N                       | Y         | Y          | Y         | Y             | Y            | Y         |
| <b>#2: HR 1495: Water Resources Development</b> - Passed bill that would authorize \$23.2 billion for more than 900 water resource development projects and studies by the Army Corps of Engineers for flood control, navigation, beach erosion control and environmental restoration.                                                                                                                                                                                                                                                                     | Y             | N                       | Y         | Y          | Y         | Y             | Y            | Y         |
| <b>#3: HR 3224: Dam Rehabilitation</b> - Passed bill that would authorize \$201 million over five years for a Federal Emergency Management Agency grant program to provide assistance to states for the rehabilitation of publicly-owned deficient dams.                                                                                                                                                                                                                                                                                                   | Y             | N                       | Y         | Y          | Y         | Y             | Y            | Y         |
| <b>#4: HR 2881: FAA Reauthorization</b> - Passed bill that would authorize \$68 billion over four years for the Federal Aviation Administration.                                                                                                                                                                                                                                                                                                                                                                                                           | Y             | N                       | NV        | Y          | Y         | Y             | Y            | Y         |
| <b>#5: HR 2641: Fiscal 2008 Energy - Water Appropriations</b> - Did not pass an amendment that would strike a provision that would bar the use of funds in the bill for administrative regulations or policies, including public-private competitions, for Army Corps of Engineers projects.                                                                                                                                                                                                                                                               | Y             |                         | N         | N          | N         | N             | Y            | N         |
| <b>#6: HR 3074: Fiscal 2008 Transportation-HUD Appropriations</b> - Passed bill that would appropriate \$105.6 billion in fiscal 2008, including \$51 billion in discretionary spending, for the departments of Housing and Urban Development and Transportation, and related agencies                                                                                                                                                                                                                                                                     | Y             |                         | Y         | Y          | Y         | Y             | Y            | Y         |
| <b>#7: SAFTEA-LU Technical Corrections Act</b> - Passed the bill to make revisions and technical corrections to the program, including earmarking of public lands highway funds for forest roads, defining "transportation systems management and operations," replacing "federal-aid system" with "federal-aid highways" in apportionment of highway safety improvement program funds, and authorizing a state to expend unused funds for installation of protective devices at railway-highway crossings on highway safety improvement program projects. | Y             |                         | Y         | Y          | Y         | Y             | Y            | Y         |
| <b>#8: National Highway Bridge Reconstruction and Inspection Act</b> - Passed bill to improve the safety of Federal-aid highway bridges, to strengthen bridge inspection standards and processes, to increase investment in the reconstruction of structurally deficient bridges on the National Highway System                                                                                                                                                                                                                                            | Y             |                         | Y         | Y          | Y         | Y             | Y            | Y         |
| <b>#9: Restoration of the Highway Trust Fund Balance</b> - Passed bill to amend the Internal Revenue Code of 1986 to restore the Highway Trust Fund balance.                                                                                                                                                                                                                                                                                                                                                                                               | Y             |                         | Y         | Y          | Y         | Y             | Y            | Y         |

## Welcome New ASCE Members!

We would like to welcome the 43 new members who joined the Seattle Section and Kitsap and North Branches from June through September. If you see someone you know, give them a call.

| <u>Name(First, Last)</u> |              | <u>Occupation</u>        | <u>Employer/School</u>           |
|--------------------------|--------------|--------------------------|----------------------------------|
| Daniel                   | Sloat        | Student                  |                                  |
| Michael                  | Wolczko      | Principal                | Sound Geotechnical PLLC          |
| Tien                     | Ha           | Construction Mgr         | Hact Construction                |
| Michael                  | McGinley     | Project Mgr              | Frank Coluccio Construction      |
| Zachary                  | Strong       | Associate Engineer       | Parsons (CI)                     |
| Bob                      | Peterson     | Sr. Project Mgr          | King County WTD                  |
| Mark                     | Kasraie      | Student                  |                                  |
| Heather                  | Griffin      | Project Mgr              | City of Everett Utilities        |
| Jun                      | Wang         | Project Engineer         | DMJM & Harris                    |
| Dixie                    | Hallenberger | Civil Engineer           | City of SeaTac                   |
| Emily                    | Spahn        | Hydraulic Engineer       | West Consultants, Inc.           |
| Judith                   | Cochran      | Construction Mgr         | King County Wastewater Div       |
| Christopher              | Nickerson    | Principal                | Lead Consulting LLC              |
| Eset                     | Alemu        | Engineer                 |                                  |
| Margaret                 | Schwertner   | Environmental Scientist  | Moffatt & Nichol                 |
| Douglas                  | Heidloff     | Lead Engineer            | Boeing Company (G)               |
| Dabney                   | Fournier     | Engineer                 | ESM Consulting Engineers         |
| George                   | Gimas        | Owner                    | Tz Engineering, LLC              |
| Vincent                  | Castro       | Engineer                 |                                  |
| Vismaya                  | Tata         | Water Resources Designer | Perteet Inc                      |
| Joseph                   | Glaser       | Senior Project Engineer  | ABKJ                             |
| Nicole                   | Cason        | Structural Engineer      | Coughlin Porter Lundeen          |
| Adam                     | Baines       | Environmental Engineer   | Tetra Tech Inc                   |
| Ronald                   | Hikida       | Sr. Liaison Engineer     | Boeing Company (G)               |
| Jon                      | Mjelde       | Engineer                 | BERGER/ABAM Engineers, Inc.      |
| Julie                    | Werner       | Project Engineer         | TEC Inc.                         |
| Ryan                     | Olson        | Project Mgr              | Mowat Construction Company       |
| Brett                    | Schneider    | Project Mgr              | Aadland Evans Constructors, Inc. |
| Shahryar                 | Shahrivar    | Sr. Structural Analyst   | Boeing Company (G)               |
| Tate                     | Ikehara      | Student                  |                                  |
| Nicolas                  | Charlemagne  | CE                       | DMJM & Harris                    |
| Garth                    | Nelson       | Engineer                 | Berger / Abam                    |
| Austin                   | Wong         | Student                  |                                  |
| Richard                  | Campbell     | Engineer                 |                                  |
| Mohammad                 | Rahman       | Engineer II              | HNTB Corporation (CI)            |
| Kevin                    | Boekholt     | CE                       | Cornerstone Geotechnical Inc     |
| Roberta                  | Butler       | Instructor               | Lake Washington Tech College     |
| Gary                     | Anderson     | Project Administrator    | Boeing Company (G)               |
| Michael                  | Pavone       | Mgr of Engineering       | URS Washington Div               |
| Andrew                   | Stewart      | Engineer                 |                                  |

### **Kitsap Branch**

|         |        |         |  |
|---------|--------|---------|--|
| Stephen | Warhoe | Student |  |
|---------|--------|---------|--|

### **North Branch**

|        |         |                     |                                  |
|--------|---------|---------------------|----------------------------------|
| Nathan | Zylstra | Project Mgr         | Reichhardt & Ebe Engineering Inc |
| Joseph | Rutan   | Cty Rd Egr/Asst Dir | Whatcom County Public Works      |

## Featured Project

Each month the Seattle Section newsletter features an award recipient from the 2007 Seattle Section Local Outstanding Civil Engineering Achievement Awards. The 2008 awards competition will take place in early 2009.

**Alternate Outfall Replacement Project**  
**Owner: Public Works, City of Bellingham**  
**Entry Engineer: Arthur Fleming, P.E.,**  
**formerly of Hart Crowser, Inc.**  
**Award Category: Ports and Waterways**



Hart Crowser worked closely with the City of Bellingham Post Point Wastewater Treatment Plant (PPWTP) to develop a replacement strategy for the City's existing 30-inch diameter Alternate Outfall, used when peak flows exceed the capacity of the 60-inch Primary Outfall. The existing Alternate Outfall was undersized, had numerous joint failures, and the terminus was buried in sediment. This existing pipeline also extended under the active BNSF Railroad and was connected to a 60-inch landline that fed from the WWTP.

Hart Crowser worked closely with the City to develop and evaluate replacement alternatives and the City ultimately selected a stronger, higher capacity 54-inch pipeline. The team also worked with the BNSF railroad to select appropriate "tunneling" methods that would not impact railroad operations while minimizing construction costs.



Photo by City of Bellingham



Photo by Komex

The marine alignment of the new 54-inch Alternate Outfall was shifted and an extensive eelgrass mitigation plan was developed to minimize ecological impacts to a pristine eelgrass bed that had to be crossed by the replacement outfall. Hart Crowser worked closely with the project team, Washington Department of Fish and Wildlife, and the Washington Department of Natural Resources to implement several innovative procedures to aid in eelgrass mitigation. These innovations included a new removal method and the first large

scale use of a unique transplanting procedure on the west coast that incorporates public outreach into its execution.

Strider Construction of Bellingham was general contractor.

## Seattle Section to Develop Life Member Program

By Jack Bjork, P.E.

ASCE recently completed a study of Life Members in ASCE and has found this group to be a significant resource of experienced, motivated members. Life Member status is generally conferred by ASCE when a member reaches age 65 and fulfills a number of years of ASCE membership.

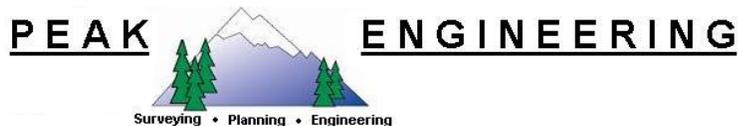
Nationally, there are about 20,000 Life Members, or 15 percent of the entire ASCE membership. Many Life Members are not involved in local organization activities for a number of reasons, but our national organization has developed a program to reach out to Life Members. Arthur Fleming, our retiring Branch Director, has agreed to develop the Seattle Section program.

Using guidelines developed from successful Life Member programs at other sections, we will initiate the Life Member program. Arthur will recruit, communicate with, and identify interests of Life Members and identify specific activities that could be undertaken by Life Members.

Life Members are the most experienced and knowledgeable segment of our Society. There are many activities that they could successfully undertake. In the process they would add value to the membership of ASCE and at the same time get a sense of contribution on a professional and personal level.

## Employment Notices

To post an employment notice in the newsletter and on the section's web site, please contact the editor in advance of the monthly deadline. Rates for advertising are shown on page 2.



Peak Engineering Inc; an established company providing land development services in Snohomish County and surrounding areas; seeks experienced Project Civil Engineer/manager. Prefer registered P. E. (civil) in Washington State. Visit our website at [www.peak-engineering.net](http://www.peak-engineering.net) or send your resume to: [resumes@peak-engineering.net](mailto:resumes@peak-engineering.net).

### EXCITING OPPORTUNITIES IN RENEWABLE ENERGY

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on page 2**

## Calendar of Upcoming Events:

### October 8, 5:30pm

#### **Seattle Section Meeting**

Location: McCormick & Schmick's Harborside  
Restaurant, 1200 Westlake Avenue North, Seattle  
Speaker/Topic: John Sleavin, P.E. – Sound Transit  
Expansion Proposal (ST2)  
Cost: \$30 per person (\$35 for late reservations)

### October 11, 8:30am

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

Location: UW More Hall, Room 218  
Contact: Cindy Hirsch, (206) 438-2150,  
[Cindy\\_Hirsch@urscorp.com](mailto:Cindy_Hirsch@urscorp.com)

### October 15, 7:30pm (dinner at 6:30pm)

#### **North Branch Meeting**

Location: Extreme's Sports Grill, 4156 Meridian Street,  
Bellingham  
Speaker/Topic: Kimberlie Staheli, Ph.D., P.E. –  
Trenchless in the Northwest  
Contact: Steven Goodrich, (360) 826-4628,  
[stevegoodrich@hotmail.com](mailto:stevegoodrich@hotmail.com)

### November 12, 5:30pm

#### **Seattle Section Meeting**

Location: McCormick & Schmick's Harborside  
Restaurant, 1200 Westlake Avenue North, Seattle  
Speaker/Topic: Dan Mageau, GeoEngineers – China  
Earthquake Response  
Cost: \$30 per person (\$35 for late reservations)

## TIME VALUE

October 2008 Newsletter  
Volume 44, Number 2

Attn: Todd Crandell  
1001 – 4th Avenue, Suite 2500  
Seattle, WA 98154

AMERICAN SOCIETY  
OF CIVIL ENGINEERS

SEATTLE SECTION

