



SEATTLE SECTION NEWSLETTER

June 2015
Volume 50 No. 10

Section Officers

October 1, 2014 – September 30, 2015

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WEBMASTER

Eric Knigge
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ASCE Seattle Section Meeting

Wednesday, June 10, 2015

Place: Best Western Executive Inn
200 Taylor Ave N, Seattle, WA 98109

Cost: Early Bird:
\$40 General Admission
\$15 for students and unemployed members
(Early Bird Rates apply until 11:59 pm, Wednesday, June 3.)

After June 3 :
\$45 General Admission
\$20 for students and unemployed members

Meal: Popcorn crusted chicken with chili-lemon honey and cilantro oil

-or-

Grilled mahi mahi with mango salsa

5:30 Social
6:30 Dinner
7:00 Program

[Click here to register.](#)

For assistance with online registration, please contact
Veronica Vong at veronica.vong@abam.com or 206-434-6378

Direct questions or comments regarding meetings to
Section President Stefanie Herzstein at
seattleascepresident@gmail.com

Program — Local Outstanding Civil Engineering Achievement (LOCEA) Presentations and Awards

The annual LOCEA awards recognize outstanding projects in the categories of Geotechnical, Structural, Ports and Waterways, Water Resources, Transportation and Development, and Small Project and Non-Construction Studies. Eligible projects are those that: have been accomplished by a civil engineer who is a member of the Seattle Section; is located within the Seattle Section (includes the counties of King, Snohomish, Kitsap, Whatcom, Skagit, San Juan, Island, Clallam, and Jefferson); was substantially completed in calendar year 2014; and is predominantly civil engineering related work. Please come to celebrate everyone's achievements! This is our last meeting before the summer break. We will resume meetings in September.

The next newsletter deadline is:
5:00 p.m.
Saturday, June 20, 2015

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Newsletter Editor:  
**Todd Crandell**  
[seattleASCEnews@gmail.com](mailto:seattleASCEnews@gmail.com)  
Phone: (206) 459-2250

#### CHANGE OF ADDRESS:

All changes to your address (including your newsletter e-mail address) should be provided to ASCE at [www.asce.org](http://www.asce.org) or: 1801 Alexander Bell Drive, Reston, VA 20191-4400. The Seattle Section will receive your updated information from ASCE.

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

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#### ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES

##### Employment Ads:

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##### Display Ads:

Costs are for one year (10 issues):  
Business Card size \$100  
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Full Page \$1,000

To place an ad or for more information, contact the editor at [seattleASCEnews@gmail.com](mailto:seattleASCEnews@gmail.com).

## President's Column

By Gabriel Ng, PE, M. ASCE, President – ASCE North Branch

Greetings Members,

This past month Governor Jay Inslee declared a statewide drought emergency. This is a wakeup call, that even the Pacific Northwest is not immune to climate extremes. The majority of us take for granted our most valuable resource only when demand exceeds our supply. As engineers and professionals, we have many opportunities to make a difference in the work we do. We make engineering judgments in our daily routines that can influence our resources more than we think. Out of the three ASCE Initiatives, *Infrastructure*, *Raising the Bar*, and *Sustainability*; **Sustainability** is the initiative where each individual can make a direct difference. Think about projects you have worked on where you could sway a concept or design one way or the other. As engineers we are not just asked to solve the current issues, but are asked to solve the ongoing issues of the future. Striving for a net zero impact, or even better, a net gain in the system. When we are able to design with a view of the future, an eye for how our work affects and impacts our life system, and keeping our advancement of our communities and ecosystem in mind, we are being sustainable. A few simple examples could be eliminating or reducing the maintenance needed on a project, utilizing native plants for stormwater treatment and shade for fish, or infiltrating stormwater to aid the natural cycle of our water resource.



A perfect example of the latter is highlighted in the May edition of our Civil Engineering magazine. California is on their fourth year of drought and this could be the future for Washington and the rest of the country. California has been taking serious steps in preserving their water resources using innovative and sustainable designs. The benefit of living in “rainy Washington” is the fact that we have vast experience managing water. One of our local engineering firms based out of Seattle, SvR, was one of the concept designers on a stormwater improvement project in San Luis Obispo County, CA. The design utilizes stormwater treatment in the forms of flood control, water quality treatment, and groundwater recharging. This project is a great improvement to the local community, and can be expanded and improved on for the next phase, or next project that is administered.

We are fortunate to live in an area where our upriver reservoirs are currently stocked to handle our drinking water demands. In California, they are rationing their water usage with mandatory restrictions. Their greater reliance on groundwater as a drinking water source is a lot more difficult to manage. Kudos to our local public utility managers who have taken the early steps to ensure our resources are available.

Unfortunately, these advancements do not address the concerns related to the vital agricultural needs of eastern Washington and our valuable fisher-

See *President's Column* on page 3

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

ies. We, as consumers, will likely be paying for this drought through the cost of salmon, fruit, and shall I say hoppy beverages in the years to come. Nevertheless, we as innovators to new infrastructure have every opportunity to be a part of this sustainable future. As the word sustainability is used in everyday language, we as engineers can strive to define what sustainability truly is with the work that we do daily.

Another part of our responsibility that we as professional engineers have, falls within one of the other ASCE Initiatives, **Raising the Bar**. We have an obligation to share and teach those around us what we know, so we as a collective community can grow and build upon our experiences. We cannot be a group of individuals who patent ideas and designs without a collective of thought and evaluation. Raising the Bar tells us that we need to go outside our comfort zone to make those around us better, and not wanting them to fail to make us look better. All of us have looked to role models in our careers. As we gain more experience we may tend to lessen this reliance or hunger to grow our careers, but as we do this

our desire to lead the next generation of engineers should be a primal instinct in securing our existence to adapt to the new environments that are ever so changing.

There are different levels of mentoring or coaching that can be suited to fit each of us. Some examples are 1-on-1 mentoring, presenting to students, joining a club or association like Engineers without Borders (EWB), being an advisor at a local college or on a student-engineering chapter. This commitment should be a part of our culture for our occupation is literally the foundation for what the rest of our community is built on. This reliance on civil engineering has been the past and will continue to be the future. Our leaders in government and infrastructure rely on us as professionals to find solutions to the myriad of problems that arise through time. The drought that we are experiencing is an example of how we as a professional community will adapt and change to make things better.

As 21st Century engineers, we are looking to resolve the objectives today and solve the goals of tomorrow!



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## Announcing 2015-2016 Election Results

By Stefanie R. Herzstein, PE, PTOE, M.ASCE – Seattle Section President

The Seattle Section Board would like to thank Jessica Aguilar, PE, Director of Standing Committees, and Elizabeth Korb, Secretary, for their contributions to the Section during their term.

The election results are in and starting October 2015 we will have three newly elected Board members and one appointed member. Congratulations to the new Board members:

- President-Elect: Kelli Dean, PE
- Director of Standing Committees: Amanda P. Schweickert, PE

- Secretary: Tony Nguyen, EIT, ENV PV
- Younger Member Forum Representative: Courtney Davis, PE (Appointed)

We welcome our new members to the Board and look forward to their new ideas and enthusiasm. We are always looking for volunteers for our committees, programs and the Board, please contact me at [seattleascepresident@gmail.com](mailto:seattleascepresident@gmail.com) to get involved.

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## 2015 RH Thomson Memorial Scholarship Winner

The Seattle Section RH Thomson Memorial Scholarship Committee is proud to announce **Ms. Jenna Louie** as their 2015 scholarship winner. Ms. Louie is a current high school senior who has been accepted to the University of Washington, with direct acceptance into the school's Civil Engineering program. She will be awarded her scholarship at our June 10 monthly meeting.

Reginald Heber Thomson changed the landscape of Seattle. With a determination other engineers in the city wouldn't dare assume, Thomson rolled up his sleeves and set to work on building Seattle's infrastructure. Twenty years later, the city had railroad lines, a reliable water supply, a network of sewers, and Seattle City Light. Perhaps most remarkably, he headed up the Denny and Jackson regrades, literally reshaping the land to fit his idea of a prosperous city.

Without Thomson, Harbor Island would not exist – as it rose from the dirt dumped into the bay from the Denny regrade project; the Duwamish would not have been dredged – at least not until years later; the tidelands



R.H. Thomson

would not have been filled; and the Lake Washington Ship Canal may not exist as it does today. However, his legacy goes beyond his engineering feats.

Thomson was renowned for his honesty and ability to negotiate deals with the political and economic forces driving Seattle.

Lacking a formal education as an engineer, Thomson made up for it in sheer innovation, tempered with common sense. He earned respect from his colleagues after successfully assessing the most feasible

route for rail lines *through* the mountains – an accomplishment that astounded both the best-qualified engineers, and hardened mountain men.

Despite his adventures throughout Washington state, Thomson's heart belonged to Seattle. He held the office of City Engineer three times and under six mayors. He was considered the city's official and unofficial expert in public works engineering for nearly half a century.



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## Alaskan Way Viaduct Replacement Program Tour

When: Friday, June 19, 2:30 p.m.

Where: 211 1st Avenue S in Pioneer Square  
*Tour Limited to 15 Attendees (This tour is full. Please contact us to get on the waiting list.)*

The Seattle Section is arranging a tour of the Alaskan Way Viaduct Replacement Program on Friday, June 19 at 2:30 p.m. The tour is limited to 15 people, so reserve your space ASAP. Personal protective equipment is re-

quired (safety glasses, gloves, hard hat, vest, and work boots). A limited number of boots are available upon request. The tour will depart from Milepost 31 (211 1st Avenue S in Pioneer Square) and will take approximately 1.5 hours.

Individuals wanting to attend should contact Stan Russell at [2sdrussell@gmail.com](mailto:2sdrussell@gmail.com) or 206-457-8460.

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## The Huskies are Heading to Nationals!

The UW Concrete Canoe Team needs *your help* to get to Nationals

The University of Washington Concrete Canoe team is a group of civil engineering students that design and build a canoe made of concrete. In addition to utilizing their engineering abilities to design and construct a concrete canoe, students also improve their communication, management, and self-motivation skills when they participate in this year-long project. After 7 months of hard work, the UW Concrete Canoe team competed against other universities from around the Pacific Northwest at the regional competition in Pocatello, Idaho. The Huskies won all five races and swept all but one of the judged categories. As the regional champion, the team is now preparing to participate in the June national competition at Clemson University in South Carolina.

Transporting a 21-foot-long concrete canoe and a team of 16 engineering students is expensive. In order to compete at the national competition, this student group needs to raise an additional \$10,000 to compete at nationals. These funds will primarily help pay for registration fees, airfare, and the canoe transportation costs.



The fundraising campaign launches on June 1 and will run for 30 days. Please help enrich these students' education by donating to the campaign at <https://uw.useed.net/projects/256/home>

### Project Information

<http://students.washington.edu/uwcanoe/>  
University of Washington Concrete Canoe Team

### Contact Details

Thank you for your time! To learn more, please contact:

Ann Albright  
[annlea@uw.edu](mailto:annlea@uw.edu)  
(720) 219-8713

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## New Member Report

Based on the new membership information from the ASCE national database, the following members enrolled to the Seattle Section between April 2, 2015 and May 5, 2015.

Robert Mitchell

William McCarthy

Scott Williams

Givens Lam

Kyle Smith

Joshua Taylor

Marissa Gelms

Paul Nylund

Sweeney Verma

Clayton Edrington

T.J. Schilling

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## Employment Notices

To post an employment notice in the newsletter and on the Section's web site, please contact the [newsletter editor](#) in advance of the monthly deadline (the 20th of the month). Rates for advertising are shown on page 2.

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**Jacobs Engineering, Bellevue, WA is seeking a Civil Engineer for our Water/Wastewater Infrastructure Practice**

[www.Jacobs.com](http://www.Jacobs.com)

### Description of Duties and Responsibilities:

Serves as a Project Engineer, responsible for leading project level planning and design teams, while completing technical tasks and coordinating with other company and outside resources. Has a lead role in planning, preliminary, and final design phase work assignments on water/wastewater projects that include pipelines, pump stations, hydraulic analyses, and trenchless design elements. Collaborates with project managers, and other technical staff to complete deliverables within scope, budget, and schedule. Has regular contact with project owners during completion of technical work on projects. Has input to preparation of technical approaches during preparation of proposals.

Has a demonstrated desire and ability to advance skills to include learning new skills, engineering software programs, and project execution. Position has potential to grow into a senior-level engineering, or project management position dependent on candidate's career objectives and skills.

### Qualifications / Background and Experience Required:

BS or MS in Civil Engineering or appropriate science degree with 8 or more years planning and design level experience. A Washington PE is required. Project-level planning and design experience on water/wastewater conveyance projects in the Washington/Oregon region is preferred. Working experience with AutoCAD/Civil 3D and water modeling software. Experienced in time management and has ability to prioritize multiple tasks. Possesses excellent written and verbal

skills in communicating technical subjects. Possesses the ability to interact and communicate effectively in a professional manner.

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### Civil Project Engineer - Seattle Office

We are a local consulting firm seeking a Civil Project Engineer in our Seattle office. Responsibilities will include assisting with civil engineering design, preparation of AutoCAD drawings and performing supporting engineering calculations for site development and road design including; grading, drainage, sanitary sewer, water and other related improvements.

The ideal candidates will have a BSCE, EIT Certification and experience in public and/or private civil engineering design along with a working knowledge of Western Washington Hydrology Model (WWHM) AutoCAD and Civil 3D software.

Candidates must meet the following criteria to be eligible for an interview:

- Three to five years of civil engineering design experience in the Pacific Northwest
- EIT Certification
- Working knowledge of WWHM, AutoCAD and Civil 3D

Candidates should submit the following items:

- Cover letter,
- Resume,
- AHBL Application
- Salary history and,
- Brief list or narrative highlighting relevant experience the unique challenges associated with each local project.

We offer an excellent benefit package including insurance, 401(k) plan, and paid vacations/sick leave. Salary is based on experience.

Send complete submittal package to: [careers@ahbl.com](mailto:careers@ahbl.com)

*AHBL is an Equal Opportunity Employer. We embrace diversity at all levels of our organization and we provide equal opportunity without regard to race, color, religion, sex, sexual orientation, age, national origin, genetic information, disability, or veteran status.*

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### Civil Project Engineer - Tacoma Office

AHBL is seeking a Civil Project Engineer in our Tacoma office. Responsibilities will include civil engineering design, commercial site development, residential design, Low Impact Development Best Management Practices, Military and K-12 schools. We are looking for a self-starter who has solid oral and written communication skills as well as a solution oriented thinker and a team player who has effective leadership skills.

Candidates must meet the following criteria to be eligible for an interview:

- Three to Seven years of civil engineering design experience in the South Sound
- EIT Certified
- Washington State PE license a plus
- Experience with Land Development Projects
- Working knowledge of WWHM, AutoCAD and Civil 3D

**See *Employment Notices* on page 7**

**Employment Notices** (continued from page 6)

Candidates should submit the following items:

- Cover letter,
- Resume,
- AHBL Application
- Salary history and,
- Brief list or narrative highlighting relevant experience the unique challenges associated with each local project.

We offer an excellent benefit package including insurance, 401(k) plan, and paid vacations/sick leave. Salary is based on experience.

Send complete submittal package to:

[careers@ahbl.com](mailto:careers@ahbl.com)

*AHBL is an Equal Opportunity Employer. We embrace diversity at all levels of our organization and we provide equal opportunity without regard to race, color, religion, sex, sexual orientation, age, national origin, genetic information, disability, or veteran status.*



**Infrastructure Client Service Manager  
(Managing Engineer)**

Brown and Caldwell's Northwest Area is looking for a strategic Client Service Manager with an established track record of marketing, winning, and executing projects and programs within the municipal sector. The accomplished and achieving Client Service Manager (CSM) will be highly recognized and regarded in Brown and Caldwell (BC) and would be responsible for helping our Seattle Office grow the water (wastewater, potable water, and stormwater) Infrastructure business throughout the Puget Sound and Northwest. Characteristics of the CSM include the proven ability to generate and sustain significant revenue from environmental and engineering projects in the local and national marketplace. This position will focus on sales in the Water sectors.

The successful candidate will maintain, leverage and expand their exceptional relationships with local and national municipal clients. The candidate will have the ability to navigate and align the client organization with BC's team of experts and resources, provide oversight on technical assignments, ensure profitable performance and superior quality delivery, and exceed client expectations. The first year sales target should be \$1M net revenue, with expected growth in subsequent years. The appropriate utilization target, depending on booked new business achievement, ranges from 40% to 60%.

**Job Expectations:**

Primary focus will be on existing clients and services. Other responsibilities to include:

- Develop and capture unsolicited opportunities with clients
- Integrate infrastructure services from a business development and client service perspective with the Area, Regional and National Program.
- Develop and grow opportunities in excess of \$2M annually
- Client focus resulting in direct interaction and growth around key target clients; perform as portfolio manager and/or CSM
- Demonstrate technical acumen and value while providing direct project oversight/engagement

**Serve as a primary point of contact.** Act as the primary point of contact for matters related to BC marketing and service delivery to your select client base. As such candidate will be expected to maintain relationships throughout the client organization, including at the director and executive management level.

**Understand client critical success factors.** Leverage existing relationships to develop and maintain a deep understanding of the critical success factors (CSFs) of the client organization (including the various departments and employees within the organization).

**Coordinate the client service/marketing team.** Coordinate and collaborate with a team of BC employees to ensure our service delivery and marketing address client CSFs and BC quality standards and max-

imize client revenue potential. This includes maintaining and implementing client strategic and tactical action plans to position for future work.

**Serve as client's BC internal advocate.**

Stay current on all client contracts and projects, and work with BC team members to: identify resources to support projects, troubleshoot or escalate issues, and maintain exceptional client service.

**Maintain client opportunity database.**

Through research and relationships, develop detailed knowledge and a deep understanding of future opportunities with the client(s) across all BC service offerings. Maintain and update this information in BC's client opportunity tracking database.

**Track Financial Information related to client service delivery.**

Use BC's project accounting system to track BD costs, booked new business, client revenues, labor multipliers and other key financial metrics.

**Marketing.** Identify strategic projects and/or programs and lead project pursuits for key clients in the Northwest Area. Also, expand these client relationships as they may exist across the US.

**Project Delivery/Management.** Serve as client manager and/or senior technical resource or project manager for key clients, where appropriate (approximately 25 to 40% billable goal). Manage BC multi-disciplinary resources to deliver service and products across one or more projects to your client(s). Ensure that BC's project delivery system (WorkSmart) is applied and that quality reviews are performed.

**Operations.** As needed, provide input to local leaders and the Area leader to contribute sales data necessary to support goals for staff utilization, revenue, and project profitability.

**Leadership.** Coordinate with other leaders in the Western Business Unit, as a member of our senior leadership team, to help meet office and regional goals. Provide key input on, and leadership relative to key clients.

**Supervision and Staff Development.** Position may include supervisory responsibilities. As such the position would include leading staff in the Seattle Office. Lead recruiting efforts to expand wastewater/

See **Employment Notices** on page 8



**Employment Notices** (continued from page 7)

water core team as appropriate for the business model. This position would report to the Utilities Group Manager.

**Visibility.** Promote regional BC exposure through selected regional and/or national conferences and committees.

**Desired Skills and Experience:**

- Minimum of 10 years experience in environmental engineering and consulting industry, specifically in water/wastewater conveyance systems, with progressive responsibilities including marketing and business development
- Proven track record of successfully bringing in and executing profitable assignments for clients and building key target client accounts
- Proven track record of successfully managing projects and delivering on time and on budget while meeting or exceeding client expectations
- Ability to properly scope out new business opportunities - this includes:
  - Identifying opportunities
  - Making critical decisions on whether or not to pursue the opportunities
  - Developing strategic plans to win pursuits
  - Identifying the best teaming partners
- Ability to discern new and related markets and help develop plans for getting work in these areas - this includes:
  - Understanding skills needed
  - Comparing skills needed with current BC capabilities
  - Identifying personnel to recruit to help capture these markets

ager (CSM) with an established track record of marketing, winning, and executing projects and programs within the municipal sector. The accomplished and achieving CSM is highly recognized and regarded at Brown and Caldwell and would be responsible for helping our Seattle Office grow municipal water and wastewater planning business throughout the Northwest. Characteristics of the CSM include the proven ability to generate and sustain significant revenue from environmental and engineering projects in the local and national marketplace, as applicable. This position will focus on sales in the water/wastewater sectors.

The successful candidate will maintain, leverage, and expand their exceptional relationships with local and national clients. The candidate will have the ability to navigate and align the client organization with BC's team of experts and resources, provide oversight on technical assignments, ensure profitable performance and superior quality, and exceed client expectations.

**Job Expectations:**

- Primary focus will be on existing clients and services. Other responsibilities to include:
- Develop and capture unsolicited opportunities with clients
- Integrate water and wastewater planning services from a business development and client service perspective with the Area, Regional, and National Program
- Client focus resulting in direct interaction and growth around key target clients; perform as portfolio manager and/or CSM
- Demonstrate technical acumen and value while providing direct project oversight/engagement
- Execute planning projects involving hydraulic modeling, flow analysis, land uses, growth projections, storage and equalization analysis, inflow and infiltration analysis, asset management, water quality and financial evaluations

**Serve as a primary point of contact.** Act as the primary point of contact for matters related to BC marketing and service delivery to your select client base. As such can-

didate will be expected to maintain relationships throughout the client organization, including at the director and executive management level.

**Understand client critical success factors.** Leverage existing relationships to develop and maintain a deep understanding of the critical success factors (CSFs) of the client organization (including the various departments and employees within the organization).

**Coordinate the client service/marketing team.** Coordinate and collaborate with a team of BC employees to ensure our service delivery and marketing address client CSFs and BC quality standards and maximize client revenue potential. This includes maintaining and implementing client strategic and tactical action plans to position for future work.

**Serve as client's BC internal advocate.** Stay current on all client contracts and projects, and work with BC team members to: identify resources to support projects, troubleshoot or escalate issues, and maintain exceptional client service.

**Maintain client opportunity database.** Through research and relationships, develop detailed knowledge and a deep understanding of future opportunities with the client(s) across all BC service offerings. Maintain and update this information in BC's client opportunity tracking database.

**Track Financial Information related to client service delivery.** Use BC's project accounting system to track BD costs, booked new business, client revenues, labor multipliers and other key financial metrics.

**Marketing.** Identify strategic projects and/or programs and lead project pursuits for key clients in the Northwest Area. Also, expand these client relationships as they may exist across the US.

**Project Delivery/Management.** Serve as client manager and/or senior technical resource or project manager for key clients, where appropriate. Manage BC multi-disciplinary resources to deliver service and products across one or more projects to your client(s). Ensure that BC's project delivery system (WorkSmart) is applied and that quality reviews are performed.

**Operations.** As needed, provide input to

See **Employment Notices** on page 9



**Client Service Manager Water/  
Wastewater Planning  
(Managing Engineer)**

Brown and Caldwell's Northwest Area is looking for a strategic Client Service Man-



**Employment Notices** (continued from page 8)

local leaders and the Area leader to contribute sales data necessary to support goals for staff utilization, revenue, and project profitability.

**Leadership.** Coordinate with other leaders in the Western Business Unit, as a member of our senior leadership team, to help meet office and regional goals. Provide key input on, and leadership relative to key clients.

**Supervision and Staff Development.** Position may include supervisory responsibilities. As such the position would include leading staff in the Seattle Office. Lead recruiting efforts to expand our wastewater/water core team as appropriate for the business model.

**Visibility.** Promote regional BC exposure through selected regional and/or national conferences and committees.

**Desired Skills and Experience:**

- Minimum of 10 years experience in environmental engineering and consulting industry, specifically in water/wastewater conveyance systems, with progressive responsibilities including marketing and business development
- Proven track record of successfully bringing in and executing profitable assignments for clients and building key target client accounts
- Proven track record of successfully managing projects and delivering on time and on budget while meeting or exceeding client expectations
- Ability to properly scope out new business opportunities. This includes:
  - Identifying opportunities
  - Making critical decisions on whether or not to pursue the opportunities
  - Developing strategic plans to win pursuits
  - Identifying the best teaming partners
- Ability to discern new and related markets and help develop plans for getting work in these areas. This includes:
  - Understanding skills needed
  - Comparing skills needed with cur-

rent BC capabilities

- Identifying personnel to recruit to help capture these markets
- Ability to motivate others and lead teams to implement business plans for project and client pursuits
- Ability to oversee preparation of key proposals
- BS engineering, geology, or science related discipline required; MS degree preferred
- PE license or related professional registration preferred



**Managing Engineer (Wastewater)**

We are seeking a part time Senior Project Manager/Managing Engineer in our Seattle Water Group. Are you an individual who takes pride in delivering exceptional work? Are you looking for a way to make a difference? When you join Brown and Caldwell you will enjoy a unique and welcoming culture. You will find that we offer a non-hierarchical, collaborative, and supportive environment, allowing you to do your best work. You will be trusted to do the right thing by our project managers and external clients and given the flexibility to manage your own schedule to achieve this. The work we do is interesting, challenging and wide-ranging in nature, and so is our client base.

This is a rare opportunity to lead major projects and deliver exceptional service to our well established clients. This senior level position will be responsible for managing wastewater projects and maintaining and enhancing relationships with existing clients. This is an excellent opportunity to join an established and growing company that places high value on exceptional client service, good science and employee growth and satisfaction.

**Job Expectations:**

- Actively manage assigned projects and key clients
- Assume responsibility for meeting

budget and profitability goals for assigned projects

- Play an active role in the maintenance of existing clients and the development of new client relationships
- Ensure the quality of work products within the scope of the budget and schedule of the project

**Desired Skills and Experience:**

- B.S. degree required, M.S. degree preferred in related engineering field (Civil, Mechanical)
- Minimum of 15 years of progressively increasing responsibility in related experience.
- Professional registered engineer in the state of California.
- Demonstrated strong project management skills.
- Strong written and oral communication skills with demonstrated ability to conduct effective presentations and written report preparation.



**Roadway Engineer - Bellevue, WA**

The challenge? Helping our communities stay safely on the move. The CH2M Bellevue office of Transportation is seeking an energetic Roadway Engineer to join our team. Our Roadway Engineer jobs provide you with the opportunity to work on exciting and engaging infrastructure projects of varying size. Each day, you will utilize your skills and contribute to work on transportation planning, design and construction in connection with complex, multi-disciplined projects. In this position you will be exposed to a wide-range of projects involving safety studies, multi-modal roadway planning, geometric design, transit design, and construction. You will have the opportunity to utilize your knowledge of fundamental concepts, practices and procedures to complete your assigned tasks in a team environment. Our ideal candidate is a self-motivated professional with a BSCE

See **Employment Notices** on page 10

**Employment Notices** (continued from page 9)

(MS preferred) and 2-5 years of prior experience in roadway and drainage design. Certification as an engineer-in-training required. Effective verbal and written communication skills are important for client interaction and career advancement. Experience working with Microstation and InRoads is preferred, but experience with similar design software packages such as AutoCAD and Civil 3D is also valuable. The preferred candidate should also be proficient in the basic aspects of roadway drainage design from hydrologic calculations to storm system design. You should have a desire to grow personally as well as professionally with each engineering job.

**Our Roadway Engineers:**

- Gain experience in various aspects of transportation design including roadway design, drainage design, transit design, pedestrian and bike facility design, permitting, signing and pavement marking design
- Assist in the preparation of project reports
- Develop and produce conceptual, preliminary and final roadway design drawings
- Prepare roadway plans, detail drawings, and project specifications
- Review roadway plans, performing horizontal and vertical roadway alignment calculations and utility research and coordination
- Provide construction inspection and oversight on various roadway construction projects
- Perform quantity calculations

**Minimum Qualifications**

- Bachelor's Degree in Civil Engineering
- Minimum of 2 to 5 years of roadway design experience.
- Working knowledge of Microstation and InRoads preferred.
- Working knowledge of Civil 3D desired.
- Working knowledge of MS Office products (Word, Excel)
- Registered Engineer-in-training.
- Ability to communicate (verbal and written) effectively.
- Self-starter, resourceful, committed.

**Degree Required:**

Bachelors or 4 Year Degree

Apply at: [http://www.ch2m.com/careers/job/63674BR\\_47/north-america/United-States/Washington/Bellevue/Roadway-Engineer-Bellevue-WA](http://www.ch2m.com/careers/job/63674BR_47/north-america/United-States/Washington/Bellevue/Roadway-Engineer-Bellevue-WA)



**Civil Designer/EIT - Redmond, WA**

Otak, Inc. is seeking to hire a Civil Designer/EIT for our Redmond, WA office. This position will work on a wide variety of projects throughout the Puget Sound region including roadway, drainage, utility, parks and civic projects for municipal and private clients. The ideal candidate will be

self-motivated with an enthusiastic, team-oriented attitude and have the following qualifications:

**Qualifications:**

- Bachelor's Degree in Civil Engineering
- 0 to 2 years of relevant civil engineering design experience
- Working knowledge AutoCAD/Civil 3D
- Ability to work in a team setting
- Excellent written and verbal communication skills
- Effective time management skills
- Construction experience is a plus

Otak's Civil Engineers have dedicated their talent to creating and improving essential infrastructure since our inception in 1981. We have extensive experience with all facets of municipal and site development projects, including urban arterials, highways, green streets, and pedestrian and bicycle systems, bridges, retaining walls, storm conveyance, retention and water quality facilities, low impact design, sanitary sewers, water systems, and stream enhancements. Otak's engineering designs blend aesthetic appeal into the character of the community while improving the transportation and infrastructure systems.

Are you interested in joining a team that creates smart and sustainable communities through rewarding project work? If this sounds like you, please contact us today. We are looking for exceptional and talented employees who are passionate about the solutions we provide to our clients.

We encourage you to come and be a part of the Otak team. Apply today at [www.otak.com/careers](http://www.otak.com/careers). Otak is an Equal Opportunity Employer.

**Reach over 2,000  
Engineering Professionals**

**Post Your Employment Ad in this Newsletter  
and on the Seattle Section Web Site**

**See advertising details  
on page 2**

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## 2015 LOCEA Award Winners Announced

By Perry Cole, P.E., S.E., F.ASCE, Immediate Past President

The American Society of Civil Engineers, Seattle Section, is pleased to announce the winners of the Local Outstanding Civil Engineering Achievement (LOCEA) Awards. The annual LOCEA awards recognize outstanding projects in the categories of Geotechnical, Structural, Ports and Waterways, Water Resources, Transportation and Development, and Small Project and Non-Construction Studies. Eligible projects are those that: have been accomplished by a civil engineer who is a member of the Seattle Section; is located within the Seattle Section (includes the counties of King, Snohomish, Kitsap, Whatcom, Skagit, San Juan, Island, Clallam, and Jefferson); was substantially completed in calendar year 2014; and is predominantly civil engineering related work.

**The awards will be presented at the Section meeting on June 10. Each of the winning teams will make a short presentation of their project. For more information, see page 1 of this newsletter or visit [www.seattleace.org](http://www.seattleace.org).**

The 2015 outstanding Structural project is the King County's **South Park Bridge Replacement Project** designed by the HNTB Corporation. The completion of the new South Park Bridge in 2014 marked the end of four years of hardship to the South Park community and reconnected communities and businesses across the Duwamish once again. The new drawbridge is designed to withstand large magnitude earthquakes with minimal damage, improve the surrounding environment, and provide a reliable and safe crossing of the river for pedestrians, cyclists, motorists and freight carriers alike. Notably, the bridge and adjacent park restore pride to the neighborhood, acknowledge the industrial history of the area with salvaged features of the old bridge built into the new bridge, and encourage new development in this up-and-coming community. This beautiful landmark bridge proves to be to a structure to which other moveable bridges will be measured.

The 2015 outstanding Ports and Waterways project is the **Seahurst Park Phase II Ecosystem Restoration Project**. Anchor QEA, LLC partnered with the City of Burien and the U.S. Army Corps of Engineers, Seattle District. The 154-acre Seahurst Park in Burien is a local and regional waterfront destination. The park includes more

than 4,000 linear feet of Puget Sound shoreline back-dropped with steep, forested bluffs. In the early 1970s, most of the park's shoreline was armored with seawalls, gabions, and riprap to accommodate park development. The armoring became a safety hazard, interrupted natural beach nourishment processes, and degraded marine nearshore and freshwater habitat. The park was transferred from King County to the City of Burien in 1996, and in 2001, the City began developing a Master Plan for the park that would call for protection of the park's natural areas, restoration of marine nearshore and freshwater habitat, and improved shoreline access. The Master Plan was completed in 2002, and the City entered into a partnership with the U.S. Army Corps of Engineers to restore the park's shoreline and recreational facilities. The multi-phase implementation was completed in 2014 with restoration of the north shoreline. The final phase of the project included bulkhead removal, restoration of 2,800 linear feet of beach and riparian habitat, creek daylighting, culvert installation, wetland restoration, replacement of fish ladder facilities used for educational fish rearing, replacement of the parking area with pervious paving and bioretention facilities, replacement of picnic and play area facilities, improvements to trails and walkways, and extensive utility relocations. The City of Burien was successful in obtaining multiple grants that were used to supplement funding from the U.S. Army Corps of Engineers to implement the project. In 2010, the south shoreline of Seahurst Park won a "Best Restored Beach" award from the American Shore and Beach Preservation Association. Anchor QEA, LLC, led the master planning, design, and permitting, and provided support for grant funding and construction.

The 2015 outstanding Water Resources project is the City of Tacoma's **Green River Filtration Facility**. The project team included MWH Americas as the Design Engineer, Hoffman Construction Company as the General Contractor/Construction Manager, with Agency involvement by the Washington State Department of Health. The Green River Filtration Facility added a physical barrier between the Green River and the tap for Tacoma Water's over 300,000 direct customers in Pierce and south King Counties. The previous unfiltered sys-

See **LOCEA Awards** on page 12

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**LOCEA Awards** (continued from page 11)

tem, originally built in 1913, sent as a daily average approximately 1,000 pounds of fine sediment into drinking water pipes. Now coagulants are added to the raw water, which causes silt suspended in the water to clump into larger particles that settle out in the new plant. Remaining particles are screened out through filters containing 50 inches of anthracite coal and 20 inches of engineered sand. The cleaner water will meet new public health regulations, plus improve water quality and reliability. The removed solids are dewatered on site and pushed through 20-foot long, 6-foot tall screw presses that further separate the dirt from the water. The process should produce one or two large truckloads of residuals per week on average.

The 2015 outstanding Transportation and Development project is the City of Bellingham's **25th Street Bike and Pedestrian Improvements Project**. The project team was led by Tuttle Engineering and Management and included Osborn Consulting, Inc., GeoEngineers, Inc., Mariano & Associates Design, Northwest Environmental Consulting, and Rubenkönig Planning and Landscape Architecture. This project evaluated the many specialized and inter-connected issues identified along 25th Street

and Douglas Avenue in south Bellingham. Improvements to the roadway corridor improved pedestrian and bicycle access and safety, separated vehicular from ADA accessible pedestrian routes of travel, increased overall corridor capacity and circulation, improved and enhanced existing stormwater collection and quality controls - resulting in a positive impact to both the built and natural environments.

The 2015 outstanding Small project is the **Northshore Summit Park Design and Construction** in the City of Kenmore. The project team, led by Osborn Consulting, Inc., included The Watershed Company and Northwest Environmental Consulting. Innovative engineering transformed 3.6 acres of underutilized, waterlogged open space into a quality multiuse park featuring picnic areas, playgrounds, trails, wetland, and forest. Enconced in a residential neighborhood, finding engineered solutions that carefully balanced environmental and neighbor concerns, community wish lists, and site constraints was essential. Significant drainage and grading improvements were required to manage perched groundwater and protect existing onsite stormwater facilities. The park opened in May 2014 as Kenmore's eighth city park.

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## ASCE Seattle Section Executive Board Minutes for April 21, 2015 Meeting

### Attendees:

Stefanie Herzstein  
Elizabeth Clark  
Evan Sheesley  
Jessica Aguilar  
Lisa Harbert  
Gene Gladden  
Amanda Shellenberger

Meeting called to order at 12:00 pm by Stefanie. MOTION to approve agenda and passed unanimously.

MOTION to approve meeting minutes for February and passed unanimously.

### Old Business

Switching eRoom to Higher Logic. Therefore will be a webinar on April 27th to discuss features.

### New Business

#### Treasurer's Report

- Everything is tracking properly.
- Added some new columns into report for Last Month Actual and This Month Difference.
- Might be updating program for reporting (Intuit is current program).
- Planning on completing tax info by April 24th. May 15th is absolute due date.
- MOTION to approve meeting report for February and March passed unanimously.

#### Membership Chair Report

- Based on the new membership information from the ASCE national database, 18 members have enrolled with the Seattle Section since April 2, 2015.
- As of April 2, 2015, the Seattle Section and Branches have 2,355 members a decrease of 150 members.

See [April Minutes](#) on page 12



## Standing Committees Report

- **Audit Committee:**
  - No updates.
- **Diversity Committee:**
  - Requesting reimbursement for a webinar through submitted form to Treasurer.
  - Goal for this next week is updating the website with webinar information.
- **House and Hospitality Committee:**
  - No Update
- **Legislative:**
  - Summary of AELC meeting
    - Transportation revenue and spending package
    - Potential movement by AIA to get new language in the RCW to indemnify professional societies who organize their members for post-disaster recovery work (at present, only the engineers themselves are indemnified with so-called Good Samaritan statutes)
    - Potential movement by WSDOT to get the requirement for the FE exam waived for an EIT – we oppose this but it appears dead for the moment
    - General best practices for design build and occasional bills that mandate its use for a wider variety of projects
    - There is a working sub group going through the RCW 18.43 which covers the practice of engineering, so the basic fundamentals of licensure
    - Infrastructure Week is next month; ASCE National wants to help us coordinate something for it, which may involve working with whatever happens with the transportation package
  - Courtney Davis attended the fly in
    - It was our understanding that WRDA was already through both sides of Congress. The goal was to appropriate funds for making it a reality. This has yet to be accomplished. We also pushed for support of the Update Act (H.R. 680). This bill is already co-sponsored by my representative, Congressman McDermott. When Courtney met with the staff of Senators Murray and Cantwell, she urged them to consider authoring an equivalent senate bill. She also asked the staff of Congresswoman DelBene to support the Update Act. She only had the opportunity to leave information for Representative McMorris Rodgers.
- **PSEC:**
  - Past Activities
    - None
  - Planned Activities
    - Everett Community College “Dinner with Industry” – April 9th (1 on 1 mentor night with the college hosting dinner)
    - Highline Community College Mentor Night – April 21st
    - Bellevue College Mentor Night – May 6th
    - Intersociety Officer Workshop – May 9th (Strongly recommend encouraging Officers, committee chairs, etc. to attend)
- **RH Thompson Scholarship Chair:**
  - RH Thomson is currently awaiting applications.
  - Collected some information for local community colleges to add to our notification email list, since CC students are eligible for the RH Thomson scholarship.
  - Present at May meeting.
- **University Advisory Committee:**
  - Coordinating Engineering Awards Ceremony.  
When: Thursday, May 28th 12:30 to 1:30 pm  
Where: Seattle University (Pigott 200)  
Cost: \$15; either cash or check made payable to ‘Seattle University’  
Deadline for payment: May 13th
  - May 7th @ 5:30 – this will be the SU student presentations; SU, BAN Science building 102.
  - May 13th – Award Ceremony for Student presentations prize money is awarded at the section meeting.
- **K-12:**
  - No updates.
- **Program Chair:**
  - No updates.
- **Professional Practice:**
  - No updates.
- **EWB Puget Sound Professionals:**
  - No updates.
- **Public Information Chair:**
  - No updates.
- **Community Service Chair:**
  - Rebuilding Together Seattle’s Spring Rebuilding Day is April 25th. The activities on this nationwide day of service provide much-needed upgrades to local homes and nonprofit facilities, with 25 projects in the Seattle area alone. This year’s project will benefit Leroy and Gail Doll, elder residents of a home in Burien (12916 6th Ave. S.) that is in need of yard work, window replacement, and other safety and ergonomic improvements. The event is from 8 am to

See [April Minutes](#) on page 14

4 pm, and volunteers will be provided with doughnuts and coffee, lunch, and water. Volunteers are encouraged to bring gloves, sturdy boots, and any other gear to work in, rain or shine. Up to 20 volunteers needed. Contact Jessica Aguilar if interested.

• **History and Heritage:**

- No updates.

**Branch Reports and Action Items**

• **North branch**

- Meeting
  - Bi-monthly meeting is planned for Wednesday May 20th in Mt Vernon (5:45-8:30). The Trumpeter Public House – Gallery Room. Speaker will be Bob Barnard, PE, Washington Department of Fish and Wildlife who will present on Water Crossings and Revised Hydraulic Codes.
- Outreach
  - Bi-monthly meeting is planned for Wednesday May 20th in Mt Vernon (5:45-8:30). The Trumpeter Public House – Gallery Room. Speaker will be Bob Barnard, PE, Washington Department of Fish and Wildlife who will present on Water Crossings and Revised Hydraulic Codes.
- Social
  - 2015 North Branch Summer Picnic – Saturday July 11th (11am to 3pm) held at Bloedel Donovan Park – Bellingham (Lake Whatcom), where we will have City engineers present on stormwater management and improvements throughout the City and a “Magic Show!”
  - YMF Monthly Happy Hour socials. Place and time TBD. Contact Jennifer Allen (jallen@anchorqea.com) for more info and to get on the invite list.
  - Washington Engineering Institute is our newest Student Chapter in Bellingham. Their next meeting is planned for Thursday April 23rd in Bellingham. Speaker will be Thom Fischer, PE, President and Director of Whitewater Engineering who will present on “Renovating a Hydroelectric Facility.” Contact Valerie Elizondo (Velizondo4963@gmail.com) for more info.
- Action items:
  - None

• **Kitsap branch**

- April 14th – 6pm at Elmer’s Restaurant in Poulsbo –

Peter Juszczuk of Varicore will be presenting drainage system products.

• Action items:

- None

• **Boeing branch**

- No update.
- Action items:
  - None

**Technical Committees Reports and Action Items**

• **Geotechnical group**

- April Dinner Meeting (April 16, 2015) - 2014 SR 530 Landslide – a Mechanical Interpretation of Initiation and Movement
- 32nd Annual Spring Seminar & Short Course (May 1 & 2, 2015)
  - Spring Seminar - Geotechnical Earthquake Engineering - May 2, 2015 - Seminar Registration
  - Spring Short Course - Soil Liquefaction during Earthquakes – Recent Developments - May 1, 2015 - Short Course Registration
- 2015 Daniel L. and Irma Evans Lecture (May 14, 2015) - Hazard, Risk and Reliability in Geotechnical Practice - Dr. Suzanne Lacasse, Technical Director, Norwegian Geotechnical Institute (NGI)
- 23rd Symposium of the Vancouver Geotechnical Society - Soil Structure Interaction (June 12, 2015) - Marriott Pinnacle Vancouver, Vancouver, B.C.
- 2015 GROUNDHOG
- 2016 Geotechnical & Structural Engineering Congress (February 14-17, 2016) - Phoenix, Arizona Call for Submissions - (April 7, 2015)

• **Ports and Harbors**

- April 22nd Meeting at Mirabella – Underlying Physics, Full Scale Testing Results, and Applications of the Reinhall (or "double-wall") Pile Technology

• **Structural Committee/ SEAW**

- Upcoming Events:
  - YMF Happy Hour 4/15
  - YMF Eastside Happy Hour 4/22
  - Seattle & Southwest Chapter Joint Meeting 4/28
  - YMF Luncheon and Site Visit at UW 4/28
- Committee Meetings:
  - Sustainability Committee 4/15
  - Disaster Prep & Response 4/21
  - Earthquake Engineering 5/5

See **April Minutes** on page 15

- Wind Engineering 5/14
- SEA Northwest Conference
- Boise, Idaho, July 16-18
- Mentor Opportunities:
  - Dinner with Industry 4/9
  - PSEC Mentor Night 4/21 Highline CC
- **Urban Development & Transportation:**
  - Nothing new to report.
- **Water Resources**
  - Come join us this month in Seattle for a lunch time talk about how climate change will affect stream flows, snow pack, etc, in the Pacific Northwest.
  - If you have questions email me (homero.flores@kingcounty.gov). Thank you!
  - New UW Master Degree Program in Floodplain Management. You can always go our webpage for further updates and notices. Check out its new mobile-friendly format: [http://www.seattleasce.org/committees/water\\_resource.php](http://www.seattleasce.org/committees/water_resource.php)
- **Sustainability**
  - In March, the sustainability committee won first place for the Industrial Redevelopment project in the Tacoma's Green Infrastructure (TGIC). One of the team members highlighted the sustainable design in an interview with Urban Green, a Tacoma and South Sound lifestyle program that explores sustainable living and environmental efforts. The show is featuring each of the winning designs.
  - Completed the third installment for the ASCE articles about sustainability.
  - Planning for technical tour in the end of April – Century Link.
  - Conducting a planning meeting on April 13th.

## YMF

- Past Events
  - March 2 – Networking (Bellevue) [4 YMFs] A small but dedicated contingent of the YMF met up at Lunchbox Laboratory for some challenging trivia on a windy Monday night. Team 'Civil me Timbers' struggled on a few of the rounds, especially when it came to music recognition, but a good time was had by all, and everyone enjoyed puzzling over the questions together.
  - March 6-8 – Portland YMF / Seattle YMF Joint

Leadership Retreat at Mt. Hood [10 Seattle YMFs]  
The Seattle YMF joined the Portland YMF at Mt. Hood for a weekend Leadership Retreat. The group arrived on Friday afternoon/evening and socialized in the two cabins. Saturday, about half of the attendees went skiing and snowboarding and the other half ventured on a couple short lake hikes and explored the area. The Seattle YMF cooked dinner on Saturday evening followed by a leadership activity in which participants were divided into four groups and asked to discuss four rotating topics regarding both ASCE YMF involvement and careers. Members headed home on Sunday morning after a fun weekend!

- March 10 - Networking & Officers' Meeting (Seattle) [14 YMFs] Please join us at Elysian Brewery on Capitol Hill for some conversation, a few minutes of business talk and delicious food and drinks. This will be a good opportunity to meet some YMFers and network with other fellow engineers. Appetizers will be provided courtesy of ASCE, but the brews are on you.
- March 10 – WJE Presentation at UW [1 YMF] WJE gave a presentation during UW's Lunch and Learn on March 10, 2015. The format of the talk was an overview of WJE as a firm presented by Dave Deress, the WJE Seattle Unit Manager, and a case study presentation by Cal Bearman, an Associate II with WJE and Seattle YMF President Elect. The presentation was attended by 27 students. The students posed thoughtful questions about WJE's forensic business portfolio.
- March 21 – Community Service Event – Adopt-A-Road [13 YMFs] The Seattle Section of ASCE participated in King County's Adopt-A-Road program and our first clean-up day was Saturday March 21, 2015. We have adopted a two-mile stretch of 1st Ave S/ Myers Way S. The county provided bags and vests. 13 of us pitched in to clean up the road. We probably filled around 50 bags of garbage along that road! Hopefully our presence promotes awareness to stop littering. Afterwards, we sat down for some appetizers at Flying Squirrel Pizza Co.
- January 11 – March 30 – ASCE Soccer Team [9 YMFs] The Seattle YMF joined the Portland YMF at Mt. Hood for a weekend Leadership Retreat. The group arrived on Friday afternoon/evening and socialized in the two cabins. Saturday, about half of the attendees went skiing and snowboarding and the other half ventured on a couple short lake hikes and

See *April Minutes* on page 16

explored the area. The Seattle YMF cooked dinner on Saturday evening followed by a leadership activity in which participants were divided into four groups and asked to discuss four rotating topics regarding both ASCE YMF involvement and careers. Members headed home on Sunday morning after a fun weekend!

- Upcoming Events
  - March 30 – June 21 – ASCE Soccer Team – Spring Season
  - April 6 – Networking (Bellevue)
  - April 9 – SWE – Dinner with Industry
  - April 14 – Networking (Seattle)
  - April 20 – PACTRANS Leadership Training
  - April 21 – PSEC Mentor Night – Highline Community College
  - April 25 – Community Service Event – Rebuilding Together
  - May 6 – PSEC Mentor Night – Bellevue College
  - May 14 – YMF Late Spring Picnic
  - May 21 – Tyee Educational Complex – College & Career Fair
  - June 4 – PACTRANS Regional Transportation Seminar
- Committee Activities
  - Putting together an executive panel presentation. Tentative date in late spring
- Action Items
  - We are starting to use our US Bank account. Tara plans to transfer all the money from BECU to US Bank and close the BECU account.
  - We are looking into options for earning more interest on our savings so we can provide more scholar-

ships in the future. We talked with Pete from National. We can invest in stocks and bonds if we want. National has a 50:50 mix between stocks and bonds. They don't want to invest for us as they don't want to be in the middle. If we wanted to invest in stocks we would need to do it with the Seattle Section tax ID number; we would need to make sure we got we got a separate account number to keep track of the funds separately. If we want to invest our scholarship money Pete can help choose funds through Morningstar. Nothing has been decided.

- The YMF scholarship deadline was March 31. We received 6 scholarship applications. We will review the applications and decide on a scholarship recipient by the end of the month and we will invite the winner to the May 13th section dinner.

#### **New Business**

- May 13 meeting at Mirabella- Student and Life Member Presentations plus H&H and scholarship awards
- Post Disaster Program / RCW

#### **Miscellaneous**

- Masters Builders Association offered monetary support. Board considered idea of Rebuilding Together in 2016.
- Discussion of using ASCE elections programs. Open elections on May 18 for 20 days: positions for Standing Committee Director, Secretary, and President Elect.

Next board meeting will be May 13.

Meeting called to a close at 12:53 pm.