



SEATTLE SECTION NEWSLETTER

October 2015
Volume 51 No. 2

Section Officers

October 1, 2015 – September 30, 2016

SEATTLE SECTION OFFICERS

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WEBMASTER

Eric Knigge
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ASCE Seattle Section Joint Meeting with WTS and ITE

Wednesday, October 14, 2015

Place: Mirabella
116 Fairview 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, October 7.)**

After October 7 :
\$45 General Admission
\$20 for students and unemployed members

Meal: Dinner buffet chosen by Mirabella's chef. Vegetarian and gluten-free entrees are available upon request.

For food allergies or special accommodations, please contact Katie Sultani-Wright at kvswright@glosten.com or enter information during registration.

5:30 Social
6:30 Dinner
7:00 New Officer Induction and Program

[Click here to register.](#)

For assistance with online registration, please contact Don Nguyen at dnnng@b-t.com or 206-830-0420

Direct questions or comments regarding meetings to Section President Evan Sheesley at seattleascepresident@gmail.com

Program — Use of ORCA Data for Improved Transit Planning

Transit agencies are increasingly taking advantage of electronic fare collection to speed vehicle boarding, decrease route travel times, improve revenue controls, and provide convenience to customers. In the Puget Sound region, over 60 percent of transit fares are currently paid with the ORCA regional electronic fare card. When combined with other readily available information, the transaction records from electronic fare cards provide an extremely robust description of actual travel behavior for key transit rider populations. Analysis of these data yields a cost effective, ongoing business intelligence and manage-

See **October Meeting** on page 3

The next newsletter deadline is:
5:00 p.m.
Tuesday, October 20, 2015

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Newsletter Editor:  
**Todd Crandell**  
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#### 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  
Quarter page \$250  
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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: Kicking off the 2015-2016 ASCE Year.

By Evan Sheesley, PE, ENV SP, M. ASCE, Seattle Section President

First off, thank you for your dedication and support of the ASCE Seattle Section. I am constantly amazed at the level and quality of effort that is volunteered toward increasing public awareness of our profession and the public infrastructure that is vital to the community. As we kick off fiscal year 2016, I encourage you to reflect on your position as a civil engineer in the community.

Secondly, congratulations to the incoming board members: Kelli Dean, president-elect; Amanda Schweickert, director of Standing Committees; Tony Nguyen, secretary; and Courtney Davis, Younger Member Forum representative. They will bring a surge of positive energy that will help keep our Section moving in the right direction. Along with the existing board members, we will have a great year.

The Section board is tasked with increasing the effectiveness of our Section to better serve the members of ASCE Seattle and the communities we live in. To support this goal, we will develop a vision plan to help explore new opportunities, including increasing our ties to other ASCE sections and branches in Washington State. Other opportunities include how to better support ASCE's three strategic initiatives: [Infrastructure](#), [Sustainability](#), and [Raise the Bar](#).

It is an exciting time of growth and transformation in our region. As civil engineers, we have a responsibility to inform this process. With 2,500 members (and counting), we can have a loud voice. I am proud to be a part of this proactive community who are leaders for our state and the region.

## October Speaker Bio

**Mark Hallenbeck** is Director of the Washington State Transportation Center (TRAC) at the University of Washington (UW). He is also Associate Director for Outreach at for the Region 10 University Transportation Center (PacTrans). Mark has been with TRAC for 30 years. He currently teaches Intelligent Transportation Systems and Urban Transportation Planning in Civil Engineering at the UW. Much of Mark's research involves the collection, use, summarization, and reporting of data that describe transportation system use and performance, and then using that information to work with the public and decision makers as they make major transportation and land use investment decisions. He is currently working with multiple agencies in the region to examine how "big data" and new technology can be used to improve regional mobility, while examining how changing mobility options are affecting land use decisions.

ment system, although use of ORCA data requires very careful attention to rider privacy, which does limit some analyses which can be performed.

This presentation will discuss the current status of a joint project between the Washington State Department of Transportation, Sound Transit, the Puget Sound Regional Council, and University of Washington as we explore the wide variety of uses for which ORCA card data can be used. The presentation will describe the

analyses we will be performing, and will solicit ideas for additional analyses from the audience. For example, we intend to develop time-of-day and day-of-week origin/destination matrices of actual transit travel patterns. These patterns should be very helpful for route planning and model calibration. The list of possible uses is long. The list of entertaining data analysis issues (such as potential bias problems) is also long. Come learn about them and share your own ideas with Mark!

## 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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## 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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### Group Delta Consultants, Inc. Catastrophe Response Team

Group Delta is seeking licensed civil and structural engineers with strong professional experience in evaluation of earthquake damaged residential and commercial structures. Group Delta is building a forensic team with California experience and California licenses. If you have forensic experience evaluating structures, would like to perform earthquake damage evaluations, are interested in being a part of, and working with this team please contact Human Resources at [Forensics-HR@groupdelta.com](mailto:Forensics-HR@groupdelta.com).

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The logo for Reid Middleton features the name "Reid Middleton" in a white, sans-serif font, set against a dark blue, stylized speech bubble or banner background.

## Reid Middleton

### Everett, WA - Entry Level Engineer, Marine Structural Engineering

Marine structural engineers have the opportunity to work on a wide range of projects - from marine terminals, piers, and bulkheads to boat launches and marinas. We are looking for an entry level structural engineer to join our waterfront engineering practice with opportunities for challenging design, professional development, and professional growth in our Everett, WA, office. Our north-end location offers an easier, more convenient and affordable lifestyle than found in other Puget Sound urban communities.

We are looking for a highly qualified and motivated entry-level engineer (Designer) to join our marine structural engineering team.

Requirements for this position include the following:

- Bachelor's Degree in Civil or Structural Engineering.
- Licensing as an Engineer-In-Training.
- Knowledge of AutoCAD and Microsoft Office software.
- Master's Degree in Structural Engineering (preferred).
- Experience with structural analyses and design software, such as Visual Analyses, ETABS, SAP, SAFE, Perform 3D, and Revit Building Information Modeling (BIM) software.

The successful candidate must possess excellent interpersonal and communication skills and the ability to participate within a team of engineers and drafters to engage in structural analysis and design of systems in concrete, wood, composites, and steel.

To apply for this position, send a cover letter and resume to

[jobs@reidmiddleton.com](mailto:jobs@reidmiddleton.com). To learn more about us, visit our website at

[www.reidmiddleton.com](http://www.reidmiddleton.com). We are also on Facebook and LinkedIn; links to these sites and our Reid Our Blog are on the home page of our website.

### Company Information

REID MIDDLETON, INC., is an employee-owned civil and structural engineering firm with a 62-year history of service to public and private clients throughout the Pacific Rim, including Hawaii and Alaska. We are headquartered in Everett, Washington, with additional offices in Spokane, WA; San Diego, CA; Anchorage, AK; and Honolulu, HI. We have a culture of hard working and highly motivated people who are committed to each other's successes. We believe in flexible work schedules, celebrating our successes, and enjoying our time away from work.

Our firm's market-focused organization includes a diverse portfolio of Aviation, Civic/Municipal, Commercial, Education, Healthcare, Industrial, Military, Transportation, and Waterfront projects.

*Reid Middleton is a federal contractor subject to the requirements of the Vietnam Era Veter-*

*ans Readjustment Assistance Act (VEVRAA). EOE/Minorities/Females/Veterans/Disabled*

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## Reid Middleton

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We are looking for a highly qualified and motivated Project Engineer to join our marine structural engineering team.

Requirements for this position include the following:

- Bachelor's Degree in Civil or Structural Engineering.
- Master's Degree in Structural Engineering (preferred).
- Licensed as a Professional Engineer (PE) or EIT with the ability to take the PE within one year.
- Minimum of five years' experience in marine structural engineering.
- Working knowledge of structural theory and design principles.
- Knowledge of AutoCAD and Microsoft Office software.
- Experience with structural analyses and design software, such as Visual Analyses, ETABS, SAP, SAFE, Perform 3D, and Revit Building Information Modeling (BIM) software.

See **Employment Notices** on page 5

**Employment Notices** (continued from page 4)

- Familiar with in-water permitting processes and ESA issues.

The successful candidate must possess excellent interpersonal and communication skills and the ability to participate within a team of engineers and drafters to engage in structural analysis and design of systems in concrete, wood, composites, and steel. Primary responsibilities will include: Working collaboratively with technical and professional staff, engineering design development of design drawings, specifications, and cost estimates, preparation of design documents, coordinating subconsultants, and conducting condition inspections.

To apply for this position, send a cover letter and resume to [jobs@reidmiddleton.com](mailto:jobs@reidmiddleton.com). To learn more about us, visit our website at [www.reidmiddleton.com](http://www.reidmiddleton.com). We are also on Facebook and LinkedIn; links to these sites and our Reid Our Blog are on the home page of our website.

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**EOE/Minorities/Females/Veterans/Disabled**



**Engineering Technician - Groundwater Pollution Prevention Specialist**

**SALARY:** \$26.87 - \$34.93 Hourly  
\$4,657.00 - \$6,055.00 Monthly  
\$55,884.00 - \$72,660.00 Annually

**OPENING DATE:** 09/16/15

**CLOSING DATE:** 10/09/15 11:59 PM

**JOB RESPONSIBILITIES:**

**Join the team that powers the City of Redmond.**

**More than anything, it's our people that make us great.** City of Redmond employees view each day as an adventure and a new opportunity to shine. Our people bring unique skills and qualities to the table, embrace the values of integrity, accountability and commitment to service--and love working collaboratively to take our City to even greater heights.

Our employees thrive in an environment where thinking creatively, taking chances and trying new things are the status quo. It's what's helping to make Redmond the ideal place to live, work, play, and invest. From Public Works crews to City Planners, innovation is the engine that powers our work forward--and all ideas and solutions are welcomed. Together, our talented teams have contributed to Redmond's recognition by Money Magazine as the "5th Best Small City in the Nation to Live." Our parks are exceptional, our crime rate is low, and our business community is vibrant.

When you work for the City of Redmond, you'll enjoy a healthy work/life balance with continuing education programs, leadership academies, wellness activities, wellness incentives and a total rewards benefit program.

Take a spin around our website and discover how the City of Redmond can make your next career move a great one.

**A DAY IN THE LIFE...**

The City of Redmond is in search of a committed, accomplished, and innovative person to join our team and help protect our natural resources. Passion for Natural Re-

sources and the environment is essential to this position. The selected applicant will support implementation of strategies for hazardous materials management, reduction/elimination, and voluntary compliance with groundwater and surface water pollution source control methods and requirements throughout the critical aquifer recharge area. This position requires a high level of technical knowledge and ability to provide businesses with on-site technical assistance to comply with regulations and implement pollution prevention best management practices. This position is grant funded through June 30, 2017.

**Hours and Duration:**

This is a full-time, limited duration status position with benefits. The expected duration for this position is through June 30, 2017 with the possibility of extending to a maximum duration of 24 months.

**Duties:**

- Under the direction of the Pollution Prevention Program Administrator conduct 260 multi-media technical assistance site visits from the time the position is filled until June 30, 2017
- Coordinate inspections and code enforcement with other groups and agencies; and establishing and maintaining effective relationships with business owners, City employees, Local Source Control partners, the Department of Ecology, consultants, and the general public
- Develop Wellhead Protection outreach in coordination with Pollution Prevention Program Administrator. Examples include developing and updating materials for distribution; writing articles; and maintaining/updating website information
- Use groundwater monitoring results to prioritize and focus inspections
- Collect and document inspection data and enter into Access database.
- Assist with the development of data management systems and synthesize and report out on inspection data
- Provide site specific technical assistance during one-on-one site visits with businesses that handle hazardous chemicals
- Provide regulatory support, outreach and education to local businesses in

See **Employment Notices** on page 6

**Employment Notices** (continued from page 5)

support of community efforts to reduce the risk of pollution related to groundwater, stormwater runoff, hazardous waste management, and impact to air quality

- Assist in the identification of ongoing pollutant sources including cross connections of wastewater and stormwater infrastructure
- Coordinate with regional agencies on pollutant source control issues including, but not limited to the Department of Ecology and King County Local Hazardous Waste Management Program

**UPON CLOSER LOOK:**

**Knowledge of:**

- Local, state, and federal hazardous waste management, and stormwater and groundwater quality regulations
- Proper hazardous waste designation, disposal, and storage requirements
- Local, state, and federal drinking water and cleanup regulations
- Pollution prevention best management practices
- Environmental chemistry (fate and transport) and pollution sources and pollution control best management practices
- Sampling procedures and protocols

**Skills in:**

- Conducting inspections, applying regulations, and investigating customer complaints
- Interpretation and application of adopted codes, rules, standards, and state and federal regulations
- Prioritizing work and meeting competing deadlines
- Providing excellent customer service
- Working effectively with business owners and within a team
- Providing clear communication
- Effectively managing workload and responsibilities

**Ability to:**

- Interpret and administer governmental policy, procedures and standards
- Communicate proficiently both orally

and in writing

- Communicate technical issues to the public
- Exercise sound judgment and effective problem solving
- Manage complex and/or technically oriented issues
- Collect, analyze, interpret, present and distribute information
- Work in a professional setting, be punctual and complete assigned duties on schedule
- Effectively resolve sensitive issues with business owners in a professional and courteous manner
- Work independently and cooperatively with others
- Demonstrate a positive attitude and be an effective team player
- Demonstrate a high level of initiative, effort and commitment
- Read site plans, drainage/utility plans.
- Maintain and update database applications
- Proficiently use MS Office software, MS Access, and GIS software

**DO YOU HAVE WHAT IT TAKES:**

- Associate's degree in engineering sciences, environmental sciences, toxicology, chemistry, environmental health or closely related field AND four (4) years directly related experience required. Bachelor's Degree (or higher) in environmental science or related field preferred
- Or any equivalent combination of education, experience and training that provides the required knowledge, skills, and abilities
- Experience in reading, interpreting and applying regulations required
- Experience in conducting source control inspections preferred
- Experience working with external agencies, citizens and business owners preferred
- Experience in the application of hazardous waste regulations preferred
- Experience in the application of stormwater regulations preferred
- Prior training and knowledge of stormwater source control BMPs preferred

**FOR MORE INFORMATION:**

**Licenses and Requirements:**

Valid Washington State Driver's License is required by date of hire, and a driving record that meets City standards. Prior Hazardous Waste Operations and Emergency Response Standards (HAZWOPER) training and certification is preferred and will be required within 3 months of employment and maintained throughout employment.

**Working Conditions:**

Work is performed in an office environment with fieldwork required. Must be able to climb ladders, work in confined spaces; crouch, kneel, walk over rough and uneven surfaces, and lift up to 50 pounds.

**Union Affiliation:**

Fulfillment of bargaining unit agreement membership is required within 30 days of hire.

**Benefits:**

The City of Redmond provides a generous benefits package including: medical, dental and vision benefits; paid sick leave, vacation and holidays; retirement; and life insurance.

**City Values:**

**Integrity:** We demonstrate sound, honest, truthful and consistent actions.

**Accountability:** We take ownership of our actions and responsibilities.

**Commitment to Service:** We are dedicated to seeking solutions for our community.

**Selection Process:**

The City is accepting applications from internal and external applicants. Please submit your resume, cover letter and application to <http://www.redmond.gov>. Be sure to list all relevant training and certifications.

The City may review existing application pools to fill this position, or use this pool to fill future vacancies.

Top candidates will be contacted to participate in the next phase of selection which includes an interview. Candidates who are selected to interview will be required to complete a Background Authorization Form to have a thorough background investigation conducted.

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## ASCE Seattle Section Executive Board Minutes for June 10, 2015 Meeting

### Attendees:

Stefanie Herzstein  
Elizabeth Clark  
Evan Sheesley  
Jessica Aguilar  
Gene Gladden  
Kelli Dean  
Mike Wilhelm  
Amanda Shellenberger

Meeting called to order at 4:33 pm by Stefanie. MOTION to approve agenda and passed unanimously.

MOTION to approve meeting minutes for May (as amended) and passed unanimously.

### Old Business

- Switching eRoom to Higher Logic.
- No need for additional space right now.

### New Business

#### Treasurer's Report

- Everything is tracking properly; 122% above projected.
- Having trouble closing out Morgan Stanley account.
- Completing tax info by May 15th.
- MOTION to approve meeting report for May passed unanimously.

#### Membership Chair Report

- Based on the new membership information from the ASCE national database, 26 members have enrolled with the Seattle Section since May 26, 2015.
- As of May 27, 2015, the Seattle Section and Branches have 2,393 members, an increase of 19 members since the beginning of May and 45 more than the same time last year.

### Standing Committees Report

- **Audit Committee:**
  - No updates.
- **Diversity Committee:**
  - No updates.
- **House and Hospitality Committee:**
  - No updates.
- **Legislative:**
  - No update

### • PSEC:

- Past Activities
  - Bellevue College Mentor Night – May 6th – 30 students and 19 mentors where at least 6 mentors were ASCE members
  - Inter Society Officer Workshop – May 9th – 28 total attendees including 2 from ASCE (Bobbie Gilmore and Evan Sheesley)
- Planned Activities
  - Bylaw updates
  - UW Bothell Engineering Mentor Night – Late October
  - Seattle Pacific University Engineering Mentor Night – Late October

### • RH Thompson Scholarship Chair:

- Invited the scholarship winner + guest to the June dinner meeting.

### • University Advisory Committee:

- No updates

### • K-12:

- Seattle Section hosted an event “Engineering Rocks” with ASCE YMF last month at South Center Mall. This is an annual event that is very popular with kids. There were activities such as coloring tables, pin wheels, spool racers, liquefaction test and water filtration system. We had about 10 volunteers helping and about 150 kids participating.

### • Program Chair:

- No updates.

### • Professional Practice:

- No updates.

### • EWB Puget Sound Professionals:

- No updates.

### • Public Information Chair:

- No updates.

### • Community Service- YMF:

- No updates.

### • History and Heritage:

- No updates.

### Branch Reports and Action Items

- North branch
  - Meeting
    - Bi-monthly meeting was held on May 20th in

See [June Minutes](#) on page 8

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## June Minutes (continued from page 7)

Mt Vernon. Speaker was Bob Barnard, PE, Washington Department of Fish and Wildlife who presented on Water Crossings and Revised Hydraulic Codes.

- Other:
  - Summer picnic Sat. July 11, 11am to 4pm at Bloedel Donovan Park on Lake Whatcom in Bellingham. We'll have Whatcom County and city of Bellingham share some of the Whatcom watershed Stormwater requirements and associated county and city projects going on this year.
- Kitsap branch
  - No updates.
- Boeing branch
  - No update.

### Technical Committees Reports and Action Items

- Geotechnical group
  - Nothing new to report.
- Ports and Harbors
  - Nothing new to report.
- Structural Committee/ SEAW
  - Nothing new to report.
- Urban Development & Transportation:
  - Nothing new to report.
- Water Resources
  - Nothing new to report.
- Sustainability
  - Nothing new to report.

### YMF

- Past Events
  - May 4 – Networking (Bellevue) and Officers' Meeting [11 YMs]. We had our meeting at El Gaucho in Downtown Bellevue for some drinks and appetizers. This was a great chance to network with fellow engineers and catch up with happenings within YMF. El Gaucho features all-night happy hour on Monday nights and features a variety of flatbreads along with other appetizers and drink specials.
  - May 14 – YMF Summer Picnic [50 YMs]. The Annual ASCE YMF Summer Picnic was held on May 14, 2015 at Gas Works Park. A group of 50 younger members and students attended the picnic. We dined on Ezell's chicken provided by the YMF and side dishes/desserts provided by members. The

weather could not have been better and a great time was had by everyone in attendance.

- May 15 – Networking (Seattle) and Mariner's Game [19 YMs]. Members met at Henry's Tavern prior to the game for some appetizers paid for by the YMF. Then the fun was continued at the Mariner's game against the Red Sox. The venue was a good chance for members to catch up and for new connections to be made.
  - May 23 – Engineering Rocks! 2015 [9 YMs]. We teamed up the Westfield Southcenter Mall for Engineering Rocks! 2015 for four hours on May 23rd. Volunteers came to help encourage children to get more involved with engineering. There was coloring stations for the younger kids, several interactive activities for all age ranges and even a demonstration on the process of water filtration and liquefaction. Activities included making pinwheels and making spool racecars. It was a successful event; all the activities were a hit. We had approximately 150 of engaged and interested kids participate in this event.
  - May 29 – 1st Annual Executive Forum [54 Attendees, 5 Panelists, 1 Emcee]. On Friday, May 29th, 2015, the Seattle YMF hosted our 1st Annual Executive Forum. The evening started with a networking reception with local beers, wines, and appetizers. Following the networking reception, our panelists offered a dynamic and interactive discussion on this year's topic, "Engineering Firms: Does Size Matter?" The panelists represented senior leadership of small and large engineering firms and public sector clients. They focused on challenges and opportunities that different-sized firms face in today's environment. Speakers: Karen Doherty (VP and Washington Area Manager with HDR), Jim Edwards (Deputy Executive Director with Sound Transit), David Winter (VP of Hart Crowser), Jon Magnusson (Senior Principal with MKA), and Tarelle Osborn (President of Osborn Consulting).
  - May 31 – ASCE Hiking [7 YMs]. ASCE YMF went to Rachel Lake to hike the trail on Sunday, May 31st. It was a warm, sunny day as we hiked the 8 miles round trip, going up 1600 ft of elevation gain. We hope to start a listserv with which members who are going on hikes can invite other YMF members to join/carpool to other locations.
- Upcoming Events
    - March 30 – June 21 – ASCE Soccer Team – Spring Season

See *June Minutes* on page 9

**June Minutes** (continued from page 8)

- June 4 – PACTRANS Regional Transportation Seminar
- June 12 – Evergreen High School Career Fair
- June 19 – ASCE Alaskan Way Viaduct Replacement Program Tour
- Summer – Joint ASCE/SEAW Golf Tournament
- Committee Activities
  - Preparing for the summer golf tournament.
  - Seeking out potential candidates for officer and chair positions for the next ASCE year.
- Action Items
  - We are starting to use our US Bank account. Money is transferred.
  - We are looking into options for earning more interest on our savings so we can provide more scholarships in the future. Nothing has been decided. Shane and Diana are leading this effort and plan to coordinate with the Section.

**New Business**

- Post Disaster Program / RCW
- Election update
- Next year’s speaker schedule
- ISOW event
- Ports & Harbor – CORPI
- MOA was reviewed and Section passed motion to approve.
- Joint coordination meeting with ITE, WTS, ITS, etc. in the summer
- Coordination with Master Builders

**Miscellaneous**

- Doug, Christina, and Mike will all be ending a three-year at Region 8.

Next board meeting will be September 8.

Meeting called to a close at 5:50 pm.

**New Member Report**

Based on the new membership information from the ASCE national database, the following members enrolled to the Seattle Section between May 26, 2015 and August 26, 2015.

|                   |                  |                     |                    |
|-------------------|------------------|---------------------|--------------------|
| Drew Flack        | Chiming Huang    | Russell Hill        | Victor Lopez       |
| Farzad Falsafi    | Charlie Allaben  | Yousif Almaarouf    | Ralph Dicaprio     |
| Colin Sweany      | Arthur Fellows   | Daniel Hernandez    | John Erickson      |
| Jenny Pracht      | Jackie Pritchett | Jeremy Hasselbauer  | Chen Wu            |
| John Henderson    | Sean Macdonald   | Bryan Ransom        | Eamaan Tabatabai   |
| Sandy Poon        | Colin Eng        | Steve Muench        | Gerry Bautista     |
| Andrew Colby      | Bart Weitering   | Myann Refai         | Jessica Huntington |
| Alexander Surkov  | Ellis Beckwith   | Minsang Lim         | Teresa Moroseos    |
| Mark Pinske       | Virendra Jadhav  | Amy Kim             | Marlin Gabbert     |
| Adib Altallal     | Iman Ghorbani    | Ian Hinton          | Elena Anuchina     |
| Kevin Aguilar     | Robin Kirschbaum | Kevin McInnis       | Kyle Thomas        |
| Cassandra Steffen | Rian Johnson     | Amanda Gehman       | Alex Johnson       |
| David Johnson     | Narissa Tsuboi   | Esmeraldo Formantes |                    |

## 2015 Fall/Winter Continuing Education Seminars and Workshops for ASCE Region 8

The following seminars and workshops have been produced by ASCE's Continuing Education Department with ASCE members in mind.

| Program                                                                                                         | Dates                | Location           |
|-----------------------------------------------------------------------------------------------------------------|----------------------|--------------------|
| Soil and Rock Slope Stability                                                                                   | November 5-6, 2015   | Seattle, WA        |
| Pumping Systems Design for Civil Engineers                                                                      | November 12-13, 2015 | Scottsdale, AZ     |
| Modern Bridge Construction: A Trans-Disciplinary Challenge – NEW                                                | November 19-20, 2015 | Portland, OR       |
| Fundamentals of Earthquake Engineering                                                                          | November 19-20, 2015 | Salt Lake City, UT |
| Earth-Retaining Structures: Selection, Design, Construction, and Inspection – Now in an LRFD Design Platform    | December 10-11, 2015 | Scottsdale, AZ     |
| Structural Renovation of Buildings – Newly Updated for 2012 IBC and IEBC                                        | December 10-11, 2015 | Las Vegas, NV      |
| Bridge Rehabilitation                                                                                           | December 10-11, 2015 | Seattle, WA        |
| Design of Lateral Force-Resisting Systems Using the 2015 International Building Code – NEWLY UPDATED            | January 21-22, 2016  | Seattle, WA        |
| Design of Foundations for Dynamic Loads                                                                         | January 27-29, 2016  | Scottsdale, AZ     |
| Dam Breach Analysis Using HEC-RAS                                                                               | February 3-5, 2016   | Las Vegas, NV      |
| Streambank Stabilization for Restoration and Flood Control Projects                                             | February 10-12, 2016 | Seattle, WA        |
| Structural-Vibration Analysis: Design and Troubleshooting                                                       | February 24-26, 2016 | Las Vegas, NV      |
| Structural Design for Bomb Blast Loads and Accidental Chemical Explosions (Buildings and Industrial Facilities) | March 2-4, 2016      | Las Vegas, NV      |
| Water Hammer in Transmission and Distribution Systems                                                           | March 10-11, 2016    | Seattle, WA        |
| Aluminum Structural Design with the 2015 Aluminum Design Manual – NEWLY UPDATED                                 | March 17-18, 2016    | Scottsdale, AZ     |
| Design of Concrete Pavements                                                                                    | March 17-18, 2016    | Portland, OR       |