



# SEATTLE SECTION NEWSLETTER

May 2007  
Volume 42 No. 9

## Section Officers

October 1, 2006—September 30, 2007

### SEATTLE SECTION OFFICERS

Cliff Williams, *President* 206-714-7161  
Jack Bjork, *President-Elect & Membership Chair* 206-695-4608  
Tom Schnetzer, *Secretary* 425-450-2576  
Garth Merrill, *Treasurer & Budget Chair* 425-456-8568  
Paul Grant, *Immediate Past President* 206-262-0370  
Eric O'Brien, *Director (2007)* 206-663-8898  
Arthur Fleming, *Director (2008)* 425-329-1152  
Jeanne Justice, *Director (2009)* 206-883-9300  
Tarelle Osborn, *YMF Representative* 425-451-4009

### YMF OFFICERS

Doug Knapp, *President* 206-764-3542  
Josh Shippy, *President-Elect* 425-452-1523  
Tarelle Osborn, *Board Rep.* 425-451-4009  
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### UW/SEATTLE U CONTACTS

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adambp@u.washington.edu  
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### KITSAP BRANCH OFFICERS

Roger Mustain, *President* 360-697-3713  
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Jennifer Mustain, *Past President* 360-697-3713

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Steven Goodrich, *Secretary/Treasurer* 360-826-4628  
Rhett Winter, *YMF Chairperson* 360-647-7151  
Gina Gobo, *Past President*

### WEBMASTER

Jarl Priest seattleasce@yahoo.com

## ASCE Seattle Section Meeting

Wednesday May 9, 2007

**WE WOULD LIKE TO ENCOURAGE CARPOOLING:**  
If you can provide transportation or if you need a ride,  
please note it with your RSVP message

- Place:** McCormick & Schmick's Harborside Restaurant  
1200 Westlake Avenue North  
Seattle, Washington 98109
- Cost:** \$20 per person (\$22 for late reservations)  
Students \$10  
Spouses and guests are welcome.  
Cash or checks payable to ASCE are accepted.
- Meal:** Sesame Seared Chicken with Sticky Rice or Vegetarian Wild  
Mushroom & Asparagus Risotto.  
Dessert: Crème Brûlée
- 5:30 Ring Ceremony  
6:00 Socialize  
6:15 Dinner  
7:30 Program: Annual Student Presentations.  
9:00 End

Please make your reservations by  
**NOON Monday, May 7, by calling 206-926-0482**  
(voice mail system only — please leave a message)  
or by sending an email to:  
seattleascereservations@gmail.com

## Order of the Engineer Ceremony and Annual Student Presentations

This special dinner program will be the annual student project presentations. Teams of student attending the University of Washington and Seattle University civil engineering programs have been working on engineering projects throughout the year. Their Annual Presentation competition will be on Wednesday, May 2nd. The two finalists, one from each university, will present their project to the Seattle Section.



This is a great opportunity to see the new challenges our present day students are taking on and to show support for the students as they embark on their chosen career. Who knows, this may be the place to find your next new EIT.

The Order of the Engineer ring ceremony for graduating and practicing engineers will also be held this evening. Come and join us for the celebration.

The deadline for the  
June 2007 issue is  
5:00 p.m.  
FRIDAY, May 18, 2007  
No exceptions.

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#### CHANGE OF ADDRESS:

All change of address information (including your mailing label if applicable) should be sent **DIRECTLY** to: 1801 Alexander Bell Drive, Reston, VA 20191-4400 **AND** to the newsletter editor shown above.

#### AMERICAN SOCIETY OF CIVIL ENGINEERS, SEATTLE SECTION

<http://www.seattleasce.org>

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First 75 words free  
75 cents per each additional word

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## President's Column The Seattle YMF: We Have Fun!

By Doug Knapp, PE — YMF President and Guest Columnist

The other day I was asked, "What exactly does the Seattle Younger Member Forum (YMF) do?" My first response was, "We have fun!" I realized that I should probably expand on this description, so I added, "If I had to describe our group in one word, it would be 'energy.' We like to work hard and play hard, and in that order." Luckily, YMF Secretary Melissa Wu had just finished a draft flyer with our official objectives, so I listed those as well: networking, professional development, student outreach, and community service. The amazing volunteer effort of six officers and nine committee chairs, mentioned in this column, allows us to go above and beyond our objectives. The success of our group also depends on our 70 active members and past leaders such as Adam Slivers, YMF Past Executive, and Tarelle Osborn, YMF Board Representative. As this busy year is winding down, now is a great time to look back, see how we have done with our objectives, and brag about our accomplishments.

Every YMF event includes networking. Shane Binder, Social Chair, has provided a wide range of networking activities that include a ski trip, a volleyball league team, meeting locations for 5K races, and our summer barbeque. The famous YMF Happy Hours are another networking tool, and likely our best recruitment aid. Program Chairs, Robin Lee and Josh Shippy, have made a couple of exciting changes to the happy hours this year. We now explore two different venues each month; a Seattle location on the first Tuesday and a Bellevue location on the second Tuesday. The other change has been the inclusion of a short technical program every other month. Topics, such as the Lake Union street car, I-405, a PE review, and storm water contaminants, have helped encourage professional development.

This year's single largest professional development activity was easily the Western Regional Younger Member Conference. The Seattle YMF was proud to hold the largest and best WRYMC ever. This would not have been possible without the leadership of the 2007 WRYMC Chair, Ann Bryant, and numerous committee members. 110 young engineers from the Western United States attended the three-day conference. Check out the article in the April 2007 Section Newsletter.

When we aren't holding the Regional Conference, the Annual Popsicle Stick Bridge (PSB) Contest is typically our largest event and student outreach activity. Eric Herzstein chaired the 12th annual contest that was attended by over 50 high school stu-

See *President's Column* on page 3

dents from Western Washington. The event also includes extensive hours of high school outreach with visits to interested high schools. The fundraising for the PSB Contest and WRYMC was amazing. According to YMF Treasurer, Leif Johnson, we raised over \$3,000 for PSB and \$20,000 for WRYMC.

YMF also conducts outreach activities for K-8 and University students. Wendy McHugh and Erin Fletcher have organized classroom visits, ZOOM Into Engineering activities, and mentoring for local school districts. Meanwhile, Paul French and Jackie Putt have served as liaisons for Seattle University and the University of Washington.

This year we added a committee position to encourage community service. Sara Schmitt has served as the chair. Our primary community service projects are the Toys for Tots drive during our Holiday Party, supporting the Section with Rebuilding Together, and Seattle Works Day. Seattle Works Day is in June, and you can still sign up for the 2007 YMF Team. Hopefully this year none of our team members will fall in the lake.

So if you are young (ASCE defines young as 35 and under), or 'young at heart,' and want to be involved with any of our numerous activities, sign up for our email list through our Yahoo! Groups website at [www.groups.yahoo.com/groups/seattymf](http://www.groups.yahoo.com/groups/seattymf). You can also learn more by clicking the 'YMF' link on the Section's website at [www.seattleasce.org](http://www.seattleasce.org). We hope to see you at our next happy hour. We promise that you will have fun!

*Doug Knapp, PE*

YMF President

## ASCE Seattle Section Program Schedule

### May

**Date:** May 9, 2006 (Wednesday)  
**Location:** McCormick & Schmick's Harbor-side, Seattle  
**Topic:** Order of the Engineer Ceremony; Annual Student Presentations

### June

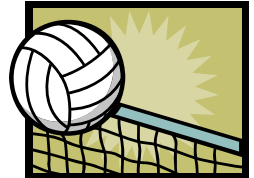
**Date:** June 13, 2006 (Wednesday)  
**Location:** McCormick & Schmick's Harbor-side, Seattle  
**Topic:** Outstanding Civil Engineering Project Awards

### July & August

Summer Hiatus

## Seattle A/E League Volleyball May 29 thru August 25, 2007

The YMF will be fielding a co-ed outdoor (grass) volleyball team this summer on Tuesday evenings at Green Lake.



The team will be joining the Casual division of the Seattle A/E Volleyball League, so **players of all ability levels are welcome to join in the fun.**

A final tournament will be held on Sunday, August 25th. Contact Shane Binder at [shane.binder@parsons.com](mailto:shane.binder@parsons.com) for information.

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# ASCE Seattle Section Executive Board Meeting Minutes For April 11, 2007

## Attendance:

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

Other Section Members: Larry Costich, Ken DeBord

Visitors: None

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

## 2. Regular Business

- The March 14, 2007, Executive Board Meeting minutes were unanimously approved.

## 3. Standing Committees Action Items – Jeanne Justice, Director

The following board action items were identified:

- History and Heritage Committee – The Secretary, the Treasurer, and the Directors will submit past records to the History and Heritage Committee.
- University Advisory Committee – The UAC needs volunteers to judge the annual student paper competition to be held on May 2, 2007. The University of Washington is looking for volunteers for an “Ask the Engineer” event on May 7, 2007.
- Audit Committee – Garth Merrill will provide hard-copy Quicken reports and bank statements for the annual audit.

## 4. Technical Committee Action Items – Eric O'Brien, Director

No board action items were identified.

## 5. Branch Action Items – Arthur Fleming, Director

No action items.

## 6. YMF Action Items – Doug Knapp, YMF Board Rep

- The North Branch YMF President requested a list of potential North Branch ASCE YMF members. Jack Bjork will provide the list through Doug Knapp.
- The YMF is looking for potential tours of a Seattle high rise tower or the Tacoma Narrows Bridge for various high school and college groups.
- The YMF is investigating establishing a scholarship. Doug Knapp will investigate and report back to the Board on the requirements for setting up an endowment.

## 7. Nominations Committee

The following board action items were identified:

- The Nominations Committee is currently looking for candidates for President, Secretary, and Technical Director. Ballots will be sent out in late April.

## 8. New Business

- Rebuilding Together - The ASCE Seattle Section will be sponsoring the Community House Mental Health Center on April 28, 2007 as part of Rebuilding Together.
- Dormant committees were discussed. The Continuing Education Committee will be pulled out of the Legislative Committee. The Professional Practice Committee will be placed as a subcommittee under the Legislative Committee. Garth Merrill will work with Dave Enger on finding a speaker on diversity for the September section meeting leading to reestablishment of the Diversity Program Committee. A search for a committee chair for the Lifeline Engineering Committee will continue.

## 9. Round Table Announcements for Meeting

- Floor nominations for officer Positions (Paul Grant)
- Concrete Canoe Competition (Cliff Williams)
- Rebuilding Together (Arthur Fleming)
- Order of the Engineer (Garth Merrill)

**Meeting adjourned at 5:45 pm.**

**Next Meeting:** Wednesday, May 9, 2007 at McCormick and Schmick's in Seattle.

**Minutes taken by:** Tom Schnetzer

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## Seattle Section Officer Elections!

By Paul Grant, PE

By now, all Seattle Section members should have received an e-mail ballot or a paper ballot of candidates running for open positions on the Section Board. Section members that have not received either ballot may contact the Section Secretary, Tom Schnetzer (425-455-5555 or [TSchnetzer@hntb.com](mailto:TSchnetzer@hntb.com)) for a replacement ballot.

We are very fortunate to have highly qualified and experienced group of candidates in this year's elections. This year's candidate slate includes:

|                         |                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------|
| <b>President:</b>       | Mr. Jack Bjork                                                                              |
| <b>President-Elect:</b> | Mr. Tom Schnetzer                                                                           |
| <b>Secretary:</b>       | Mr. Dennis Hess<br>Mr. Marc Schulte                                                         |
| <b>Director:</b>        | Mr. Perry Cole<br>Ms. Jena Gilman<br>Dr. Mike Harney<br>Mr. Chun Lau<br>Mr. Clemens Rossell |

Bios of all the candidates listing their professional experience and ASCE experience are provided with the Section ballot. All of the candidates would make excellent officers and the Section will be in good hands next year! So please cast your ballot by the 15<sup>th</sup> of May and the results of the election will be announced in the June newsletter and also at the June 13<sup>th</sup> Section Meeting. So remember to vote early, but not often.

## What Can You Get With 500 Popsicle Sticks Other Than a Stomach Ache?

By Doug Knapp and Eric Herzstein

On February 23<sup>rd</sup>, the Seattle YMF held their 12<sup>th</sup> annual Popsicle Stick Bridge Contest. This year's event was held at the Museum of Flight in Seattle and featured over 20 teams from Western Washington high schools. The competition challenged students to design bridges according to stringent rules using only Popsicle sticks and white glue. During the competition, all of the bridges were load tested to failure using a testing machine provided and operated by Seattle Public Utilities. Prizes were awarded based on strength to weight performance and aesthetics. The strongest bridge was designed by Olympic High School and held over 400 pounds while only weighing 12 ounces! The overall winner, Holy Names Academy, received iPod Shuffles for receiving the best overall score, taking into account strength, weight and aesthetics.



**2007 PSB Overall Winner:  
Holy Names Academy**

months leading up to the event. Volunteer activities included contacting over 200 schools, updating the rules, designing t-shirts, contacting donors, securing the venue, and making school visits. The annual school visits are one of the most rewarding activities that do not get recognized during the event. Young Engineers visited math and science classes at over 20 schools and gave a presentation on Civil Engineering along with announcing the bridge competition. An exciting change this year was having the event moved to the Museum of Flight's auditorium which allowed the use of a giant projection screen (see photo below). Over 100 people viewed the competition from the theater. The Museum was extremely crowded on the day of the competition due to the Puget Sound Engineer Council's E-Fair and the Northwest Physical Model Show. People



The competition would not have been possible without tremendous volunteer and financial support. Over \$3,000 was donated by local engineering firms and approximately 30 volunteers helped throughout the

visiting the other events were still able to watch the competition due to TV monitors that were placed around the museum providing a live video feed of the competition. A tape of the event was recorded and will be available for replay on public television.

If you are interested in having a similar competition, please feel free to contact the Seattle YMF. The Popsicle Stick Bridge committee would be happy to send you example rules, school presentation materials, and other event details. However, you will have to get your own antacid to treat your ice cream induced stomach ache.

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## ASCE Infrastructure, Transportation and Planning Committee

The ASCE Infrastructure, Transportation, and Planning Committee will be holding a Kickoff Meeting to plan for the upcoming year activities (speakers, field trips, projects, etc.) on Tuesday May 15th at 6:00 PM at the DMJM Harris office located at 10900 NE 8th St, Suite 750, Bellevue, WA 98004.

All interested parties are invited to attend this meeting. Food and beverages will be provided. Please contact Attila Laszlo at [attila.laszlo@dmjmharris.com](mailto:attila.laszlo@dmjmharris.com) or (206) 406-6514 if you will be attending.

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## 3rd Annual ASCE Seattle Section YMF Golf Tournament

July 13th, 2007 – Shotgun Start 8:00 AM

Proceeds from the Tournament go to establish a scholarship fund in the name of ASCE Seattle Section Honorary Members. The scholarships will benefit local Civil Engineering Students.



**Date:** July 13th, 2007 – Shotgun Start 8:00 AM

**Location:** Willows Run Golf Course – Eagles Talon

**Format:** 18-Hole Modified Scramble w/4 Person Teams

**Price:** \$90 – Per Player – Includes Golf, Cart w/GPS, Range Balls and Lunch

Registration forms will be posted shortly on the ASCE Seattle Section website at [www.seattleasce.org](http://www.seattleasce.org)

For more information on sponsorship opportunities, prizes or if you would like to help out, contact Eric Herzstein at 425-450-2548 or [eric.herzstein@parsons.com](mailto:eric.herzstein@parsons.com).

## Employment Notices

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



### Project Consultant

#### Description

CONTECH Bridge Solutions is the industry leader in the design, development and promotion of precast concrete, corrugated steel and aluminum and steel truss bridges. We have an exciting opportunity to join our impressive technical sales team as a **Project Consultant** in the Seattle / Bellevue / Tacoma area.

Project Consultants work closely with engineering consultants, developers, government officials and contractors in providing engineering expertise and problem-solving advice. Responsibilities include identifying and developing all territory potential, conducting presentations, developing specifications and proposals, and managing sales from initial contact through installation.

#### Requirements

Qualified candidates will have engineering or construction industry experience, and a desire to work closely with other professionals providing technical expertise. A Civil Engineering or related degree is preferred. Previous sales experience is not necessary, but preferred. This is a great opportunity for an engineer who has been working in the consulting field, who is looking for a new direction in their career that provides more variety and interaction with people. Candidate must be willing to reside in a centrally located area with respect to assigned territory.

CONTECH Bridge Solutions offers a competitive base salary, commissions, company car, laptop, office space, a comprehensive medical, dental and life insurance plan, 401K plan and vacation. Finally, we offer superior industry training to ensure your success.

#### Preferred Skills

- Civil Engineering degree
- Presentation and public speaking skills
- Sound time management and organizational skills
- Strong computer skills (Microsoft Office, ACT!, etc.)

Interested individuals should submit a resume and salary requirements to [krotha@contechbridge.com](mailto:krotha@contechbridge.com).

For more information, please visit our website at:  
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### HDR, Inc

### Wastewater Treatment Project Manager Bellevue, WA 98015

#### Company Description:

HDR is an architectural, engineering, planning and consulting firm that excels at complex projects and solving challenges for clients. More than 5,600 employee-owners, including architects, engineers, consultants, scientists, planners and construction managers, in over 130 locations worldwide, pool their strengths to provide solutions beyond the scope of traditional A/E/C firms.

#### Description:

The Water group of HDR is looking for a client development/Project Manager for the Wastewater Treatment Plant group. Performs complex assignments exercising judgment in evaluation, selection, and modification or standard engineering techniques and procedures. Fully experienced, competent engineer. May make decisions on significant design and engineering procedures. May function as technical specialist or project manager on mid-size to large-size projects. May supervise small staff of professionals and technicians.

#### Experience Required:

- Bachelor's degree required
- Master's degree preferred
- Experience with business development, program management, and staff leadership.
- Prior experience in preparing detailed designs, plans, and specifications for municipal wastewater design projects.
- Typically requires 10 + years of experience and a degree in Engineering.
- Maintain professional engineering registration.
- Minimum Experience: 10

#### Apply Online:

<http://www.gojobs.com/seeker/aoframeset.asp?JobNum=1393486&JBID=1436>

Employer Job Code: 070165  
[G].1393486.1436]



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**Position Description:**

The Civil Engineer will work as a member of a team environment in the Water Resources Practice to complete design work on projects for clients. He/she will be responsible to provide planning analysis and preliminary and final design engineering for projects in the water resources area.

**Experience Required:**

- B.S. degree in Civil, Environmental Engineering, or closely related field
- 0-3 years relevant experience
- Experience with hydrologic and hydraulic modeling
- Strong analytical and technical communications skills
- Team player with ability to communicate effectively with clients and staff
- Familiarity with standard engineering software packages such as MSOffice, Excel, AutoCAD, LDD, Civil 3D and Microstation preferred
- College-level coursework emphasizing water resources preferred

**Apply Online:**

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Employer JobCode: 07-0087  
[G].2055491.1436]



**HDR, Inc.**  
**Pump Station PM - Water/Wastewater**  
**Bellevue, WA 98015**

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**Description:**

While working in the Water/Wastewater department, you will plan and manage all aspects of various sized/disciplined projects. You will be responsible for independently coordinating the work of engineers and balancing the team throughout the entire development of projects while ensuring strict deadlines are met and within budget. The ability to establish client relations is important as you will be involved in marketing, contractual, design and production meetings. You will work with the Business/Accounting Manager or Project Controller and Department Manager for project reviews along with various governing agencies for code compliance. Must maintain engineering professional registration.

This position is available in our Spokane or Bellevue, Washington office.

**Experience Required:**

- Minimum of 7 years of pipeline experience.
- Bachelor's degree in Engineering.
- Must have prepared detailed designs, plans, & specifications for municipal water/wastewater design projects.
- Must have Pump Station design and management background.

**Apply Online:**

<http://www.gojobs.com/seeker/aoframeset.asp?JobNum=811713&JBID=1436>

Employer JobCode: 061622, [G].811713.1436]



**HDR, Inc.**  
**West Region ASMEC Director**  
**Bellevue, WA 98015**

HDR, an architectural, engineering, planning and consulting firm excels at complex projects and solving challenges for clients.

**Description:**

The primary duties of the ASMEC Director include overall coordination of architectural, structural, mechanical, electrical, civil and CAD activities, specifically for facility design for the following business groups in the western US: water, wastewater, Federal, power, waste management, rail maintenance and general site/civil. This person will also drive the development of ASMEC design service centers in strategic locations in the western US. This includes recruitment and hiring of ASMEC leaders for the designated design service centers. Will involved with pursuit planning; also marketing of internal and external clients. Once developed, this person will oversee all the west region ASMEC design service centers and assist the Service Center Managers with work load management, work sharing with other Regional Service Centers, key hires, communications, standardization, and other production related issues.

**Required:**

- 10+ years related architectural, structural, mechanical, electrical and civil activities, specifically for facility design.
- Registered PE or Architect

**Apply Online:**

<http://www.gojobs.com/seeker/aoframeset.asp?JobNum=1066232&JBID=1436>

Employer Job Code: 061932

[GJ.1066232.1436]



**R. W. Beck, Inc.**  
**Solid Waste Civil Engineer**  
**Seattle, WA 98154**

R. W. Beck, Inc. is a premier engineering-based management consulting firm that helps our clients in the Energy and Water & Waste Resource market sectors make better business decisions and accomplish their objectives. We do this by guiding our clients through the aftermath of natural disasters, confronting the impacts of aging infrastructures, and solving the problems of economic and technical challenges.

**Position Description:**

The Solid Waste Civil Engineer will work with a team of engineers to complete planning and design consulting work for solid waste clients in the Pacific Northwest. He/she will work directly with clients, project managers, and other engineers. Specific duties may include site development for transfer stations, landfills, and material recovery facilities; and preparing reports, plans, specifications, grant applications and cost estimates.

**Experience Required:**

- Bachelor's degree in Civil/Environmental engineering or closely related degree preferred
- 4-7 years experience working with solid waste, water resources, or water/wastewater projects. Experience in an engineering consulting firm preferred
- Strong analytical skills
- Experience using computer-aided design programs including Microstation, Inroads, SelectCad, AutoCAD, LDD, etc.
- Strong skills in written communication
- Proven ability to lead small teams on project assignments

**Apply Online:**

<http://www.gojobs.com/seeker/aoframeset.asp?JobNum=2055490&JBID=1436>

Employer JobCode: 07-0083, [GJ.2055490.1436]





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**Description:**

The Bellevue, WA office of HDR Engineering is looking for a Senior Rail Structures Project Manager. While being viewed as a technical expert with recognized authority in an area Rail Structure and the specialization that resolves problems of great scope and complexity, you must be able to plan and develop projects and/or design activities which have significant impact on major company programs. You must be comfortable and confident in planning, organizing and supervising the work of a medium-to-large staff of professionals and technicians. Larger projects could require you also to take on the role of project manager.

**Experience Required:**

- BS or MS in Civil/Structural Engineering.
- 15+ years rail bridge/structures design management experience.
- 5+ years experience staff management.
  - Washington PE or able to obtain. (SE helpful)

**Apply Online:**

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Employer JobCode: 070144

[GJ.1633963.1436]



**R. W. Beck, Inc.  
Water Resources Project Engineer  
Seattle, WA 98154**

R. W. Beck, Inc. is a premier engineering-based management consulting firm that helps our clients in the Energy and Water & Waste Resource market sectors make better business decisions and accomplish their objectives. We do this by guiding our clients through the aftermath of natural disasters, confronting the impacts of aging infrastructures, and solving the problems of economic and technical challenges.

**Position Description:**

The Water Resources Project Engineer will work as a member of a team environment to complete planning and design work on water resource projects for clients. He/she will be responsible to provide planning analysis and preliminary and final design engineering in the water resources area.

**Experience Required:**

- BS degree in Civil Engineering, or closely related field
- 3-6 years relevant experience
- Experience with hydrologic and hydraulic modeling
- Familiarity with putting together construction drawings, documents, specifications, reports, and cost estimates
- Strong analytical and technical communications skills
- Team player with ability to communicate effectively with clients and staff
- Familiarity with standard engineering software packages such as AutoCAD, LDD, Civil 3D and Microstation preferred
- Familiarity with stormwater drainage practices and standards such as Ecology's Stormwater Management Manual, KCSWDM, WSDOT Highway Runoff Manual preferred
- Familiarity with water quality control and treatment practices preferred

**Apply Online:**

<http://www.gojobs.com/seeker/aoframeset.asp?JobNum=2055492&JBID=1436>

Employer JobCode: 07-0088, [GJ.2055492.1436]



**HDR, Inc.**  
**Transportation Project Manager**  
**Bellevue, WA 98015**

HDR is an architectural, engineering, planning and consulting firm that excels at complex projects and solving challenges for clients.

**Description:**

The primary duties of the Transportation Project Manager are to plan and manage all aspects of small to medium single discipline projects or large, municipal transportation projects. Independently coordinates the work of engineers and the balance of the team throughout the entire projects development. Establishes client relations and is involved with the marketing, contractual, design and production meetings. Participates in reviews with various governing agencies for code compliance. Conducts work sessions for design development and contract document in conjunction with other staff. Is responsible to coordinate workload through the entire project development to complete documents on schedule. Is responsible to track the financial aspects of the projects, and coordinates and adjusts the work effort with the team to ensure that the work is completed within the parameters of the agreed to schedule.

**Experience Required:**

- Bachelor's degree in Engineering
- PE License
- Prior project manager experience that includes responsibility for client relationships, production of work projects, QA/QC, and budgeting and invoicing
- Minimum Experience: 5

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**Position Description:**

The Civil Engineer will work with a team of engineers on a wide range of projects for utility clients including solid waste, water, stormwater, wastewater, gas and electric. He/she will prepare construction drawings, documents, specifications, reports and cost estimates. Additionally, he/she will provide project design support, depending on practice assignment, for:

- Site development for solid waste facilities such as transfer stations, landfills, material recovery facilities
- Site development for utility system projects such as surface water management and water supply facilities
- Foundations, retaining walls and other structures

**Experience:**

- B.S. degree in Civil Engineering
- 0-3 years experience related to solid waste, water resources, or water/wastewater engineering required
- Engineer-in-Training Certificate or ability to obtain one within one year, depending on position
- Moderate level of computer competency in software programs including AutoCAD, LDD, Civil 3D, hydraulic/hydrologic analysis programs, RISA 3D, etc.

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## Calendar of Upcoming Events:

**May 12, 8:30am**

**History & Heritage Committee Meeting**

Location: UW More Hall, Rm 218

Contact: Cindy Hirsch, (206) 438-2150 or  
[Cindy\\_Hirsch@urscorp.com](mailto:Cindy_Hirsch@urscorp.com)

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AMERICAN SOCIETY  
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SEATTLE SECTION

