

# ALASKA CAPITAL ENGINEERS

OCTOBER 2020

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## UPCOMING EVENTS

Virtual Presentation with Carl Uchtyl and Erich Schaal from Docks & Harbors

Date: 10/14/2020

Time: 12:00pm

Place: WebEx

## OFFICER MESSAGE

Dear Alaska Capital Engineers,

I wanted to thank all of you who took the time to vote for this year's new officer board. The new officer board will be sworn in at the beginning of our first meeting on October 14<sup>th</sup> at 12:00pm. Our first presentation will be with Carl Uchtyl, CBJ Port Director and Erich Schaal, CBJ Port Engineer who will be giving an update on CBJ Docks and Harbors.

Just as we have done in the past, we will be hosting meetings each month with presentations from professionals. Given the current situation with the coronavirus pandemic, these meetings will take place through WebEx. A link will be sent out in advance of the meeting. The meetings will also be recorded and uploaded to our branch website at [branches.asce.org/Juneau/home](https://branches.asce.org/Juneau/home). As encouraged by ASCE nationals, we will likely host meetings this way through the remainder of 2020.

We would like to continue to provide opportunities to earn PDHs through attending these meetings. A Juneau Branch officer will be making note of all of those who attended the live virtual meetings. **Please be sure to use your full name when joining the meeting to ensure that your PDHs get recorded.** If you are unable to attend the live virtual meeting, you can still watch the meeting on our website to earn your PDHs. To earn credit, you must email [events@alaskacapitalengineers.org](mailto:events@alaskacapitalengineers.org). the specific "PDH phrase" mentioned in the meeting.

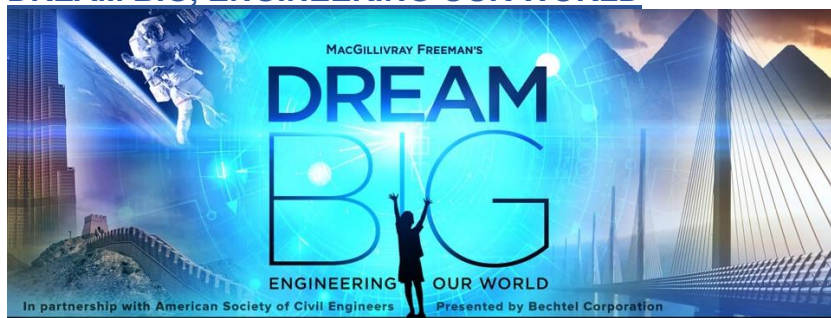
We appreciate your understanding as we navigate through this time. We look forward to seeing all of you in the future.

Thank you,

Micki Minsch, EIT

Juneau Branch Secretary

## DREAM BIG, ENGINEERING OUR WORLD



audiences witness how today's engineers are shaping the world of tomorrow.

All around the world, engineers are pushing the limits of ingenuity and innovation in unexpected, imaginative, and amazing ways. Dream Big: Engineering Our World, a giant-screen film about engineering, takes viewers on a journey of discovery from the world's tallest building to a bridge higher than the clouds. Along the way, the

## ASCE NEWS BRIEF

### 4 Smart City Trends Shaping the Future

BY [Samantha-Rose Hall](#)

May 18, 2020

Don't just think of it, really immerse yourself in the possibilities. What does this future world look like? What does it sound like? And how did society get there?

Now bring yourself back to the present.

With smart cities on the rise, that world you imagined may not be as far off as you think. Civil engineers are some of the most forward-thinking minds of this generation. Their choices and actions can shape the future of the profession and the built environment. The world holds endless possibilities. Now's your chance to explore them with these four smart city trends shaping the future:

#### **The Need to Strategize for Uncertainty**

By 2070, the world we know will be completely different. Technological advances and environmental challenges will determine how cities evolve. As world builders, civil engineers serve present and future societies. While it's impossible to predict the future, engineers can strategize for uncertainty with proactive problem-solving.

David Odeh, principal at Odeh Engineers, discusses the bold Future World Vision project and how it can help civil engineers solve tomorrow's problems today.

#### **The Rise of Shared Mobility**

As societal needs shift, new forms of transportation emerge. In recent years, shared mobility has created more options for people to get around. It's more than ridesharing apps like Uber and Lyft. The classification has grown to include E-bikes and dockless scooters. But how will these new forms of transportation affect the future?

[Read More >>>](#)

**INFORMATION SHORTS**

**PROFESSIONAL DEVELOPMENT HOURS**

The ASCE Juneau Branch will provide electronic continuing education development hour certificates for those who are interested in tracking development hours received by attending the Alaska Capital Engineers presentations to hear speakers present on engineering topics. Certificates can be found on the branch webpage:

<http://branches.asce.org/juneau/>

**ASCE JUNEAU BRANCH WEBSITE**

Bookmark this website for easy access to the events calendar, PDH certificates, new and archived newsletters, contact information and much more: <http://branches.asce.org/Juneau/>

For questions or concerns regarding the Juneau Branch ASCE website, please contact Lucas Chambers.

**ACCESSENGINEERING**

Developed in partnership with McGraw-Hill Education, ASCE members now have FREE and unlimited usage of this award-winning engineering reference tool: [www.asce.org/AccessEngineering](http://www.asce.org/AccessEngineering)

**MEMBERSHIP AND RENEWAL**

Thank you for your continued membership and support for ASCE and NSPE. Our professional organizations provide a great opportunity to network with other members of the engineering profession. Select the links below for society membership information.

[ASCE Membership Information](#)

[NSPE Membership Information](#)

**2019-2020 ALASKA CAPITAL ENGINEERS OFFICERS**

**ASCE**

President – Ethan Roemeling, EIT  
 Vice President - Lucas Chambers, PE  
 Treasurer – Janice Wells, EIT  
 Secretary – Micki Minsch, EIT  
 Past President – Matt McGuan, PE  
 Emeritus - TBD

**Special Committees**

School Outreach/STEM Coordinator - Please Volunteer  
 Dream Big Coordinator - Please Volunteer

**ASPE - Alaska Society Contacts**

Past President - Jeanne Bowie, PE  
 President - Chris Miller, PE  
 President Elect – Craig Bledsoe, PE  
 Secretary - Leora Houtary, PE  
 Treasurer - Michael Spano, EIT  
 NSPE House of Delegates - Brad Fristoe, PE  
 Anchorage Chapter Director – Brian Lamson, PE  
 Fairbanks Chapter Director - Frank Wuttig, PE  
 Juneau Chapter Director - Darrell Wetherall, PE



proHNS is Hiring (Civil Engineer)

This position, based in Haines, AK, will manage a variety of interesting projects and hone your skills in site development, production of construction drawings and specifications, design of utilities, and construction of government-owned facilities. Most of our projects include all aspects of civil engineering design through on-site construction inspection and contract administration. This job requires professionalism, out-of-the-box thinking, open communication, and a willingness to push the limits of one's expertise. For the right candidate, this is a position that allows for putting down lasting roots in Haines while also continuing to grow with proHNS.

Successful candidates will have at least five years of relevant professional experience, a bachelor's degree in civil engineering or related field, and an Alaska Professional Civil Engineer license (or ability to obtain within one year). Preferred skills include proficiency in AutoCAD Civil 3D and other engineering software applications, solid time management skills, and ability to produce accurate, high-quality work under deadline.

We offer competitive pay, paid personal leave, a SIMPLE IRA retirement program, eligibility for annual performance bonuses, a relocation stipend, and more. To learn more about the position, visit [www.proHNS.com/careers](http://www.proHNS.com/careers). Submit your cover letter, resume, and references to [solutions@proHNS.com](mailto:solutions@proHNS.com).





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## Ongoing Recruitment

*We always have room for more talent. If this position isn't the right one for you but you still feel like you'd be a great addition to our team, visit*

*[www.pdceng.com/open-positions](http://www.pdceng.com/open-positions) and let us know what position you're interested in. We'll make sure your information gets into the right hands.*

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

# Civil Engineer

## Position Opening

Location: Juneau, Alaska

PDC Engineers is seeking a leader to join our full-service engineering team! We design innovative world-class projects utilizing state-of-the-art technologies.

This is a hands-on design and management position for utility, site and transportation design projects. Applicant must have experience providing technical leadership within civil engineering and diversified knowledge of engineering and construction practices. Candidates must possess strong communication skills, and the ability to lead a multidiscipline team, manage projects and interact with clients. This is a great career opportunity for a dynamic, energetic individual with proven technical and leadership skills.

### Qualifications/Skills:

- B.S. in Civil or Engineering
- Alaska Professional Civil Engineer License or ability to obtain within one year
- 10+ year's of experience
- AutoCAD & Civil 3D proficiency
- GIS experience is a plus
- Able to manage team and contracts on multiple projects concurrently
- Detail oriented & well organized with demonstrated ability to meet deadlines
- Strong verbal & written communication skills

PDC is a 100-percent employee-owned company. We offer competitive pay, excellent benefits (healthcare, retirement, disability & life insurance, paid time off, 8-holidays/year) and advancement opportunities.

Submit your cover letter and resume to PDC Engineers, Attn: Human Resources, Mendenhall Mall Rd Suite 4, Juneau, AK 99801 or at [jobs@pdceng.com](mailto:jobs@pdceng.com).

All responses held confidential. Open until filled.

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*We always have room for more talent. If this position isn't the right one for you but you still feel like you'd be a great addition to our team, visit [www.pdceng.com/open-positions](http://www.pdceng.com/open-positions) and let us know what position you're interested in. We'll make sure your information gets into the right hands.*

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

# Professional Land Surveyor

## Position Opening

### Location: Juneau, Alaska

PDC Engineers is seeking an experienced Professional Land Surveyor to join our full-service engineering team and lead and grow our Southeast Survey Department in Juneau, AK. We design innovative world-class projects utilizing state-of-the-art technologies from five offices throughout Alaska. We offer competitive pay and excellent benefits that include paid time off (PTO), eight (8) paid holidays/year, healthcare, group life/ disability, retirement, education reimbursement and advancement opportunities. PDC is a 100-percent employee-owned company.

The successful candidate will be licensed as a Professional Land Surveyor (PLS) in the state of Alaska. Duties include establishing legal boundaries of properties, subdivision plats, Dept. Of Natural Resources plats (ASLS, ATS, Accretions). This position facilitates work for small to large projects and entails the ability to work on many type of survey works, collaborating with multi-discipline engineering staff, clients, and other invested individuals to review and coordinate findings; interprets survey data and calculates geodetic measurements to determine shapes, positions, and elevations of geomorphic and topographic features. Schedules, assigns, supervises work of survey parties, engages in collection, processing and mapping of survey data. Provides advanced professional, technical, day-to-day support, guidance, and input to staff and other team members. Prepares project submittals to ensure that project budgets are met and reviews each project upon completion for quality assurance.

### Qualifications/Skills:

- Registered land surveyor in Alaska
- 5+ years of relevant work experience
- Proficient in Trimble Business Center and AutoCAD with Civil 3D desired
- Experience with GPS equipment, total station instruments, data collectors
- Boundary, control, Bathymetric, and topographic survey experience
- Thorough understanding of the principles, practices, and procedures of land surveying
- In depth knowledge of federal and state laws related to land surveying
- Excellent mathematical skills to conduct land survey analysis
- Strong verbal & written communication skills
- Ability to work on multiple projects concurrently and meet deadlines

Submit your resume to **PDC Engineers, Attn: Human Resources, Mendenhall Mall Rd Suite 4, Juneau, AK 99801** or at **[jobs@pdceng.com](mailto:jobs@pdceng.com)**. Open until filled.

Anchorage | Fairbanks | Juneau | Palmer | Soldotna



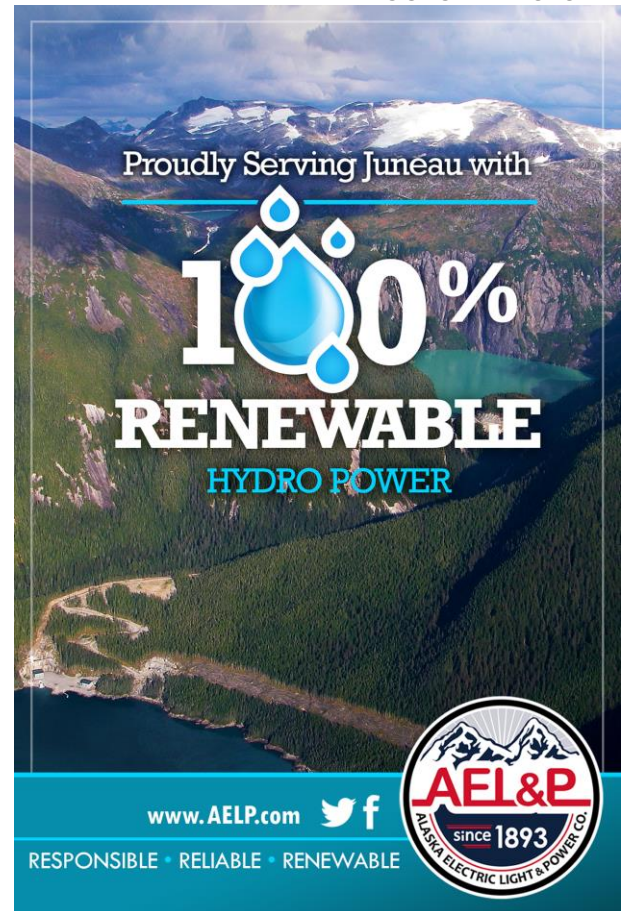


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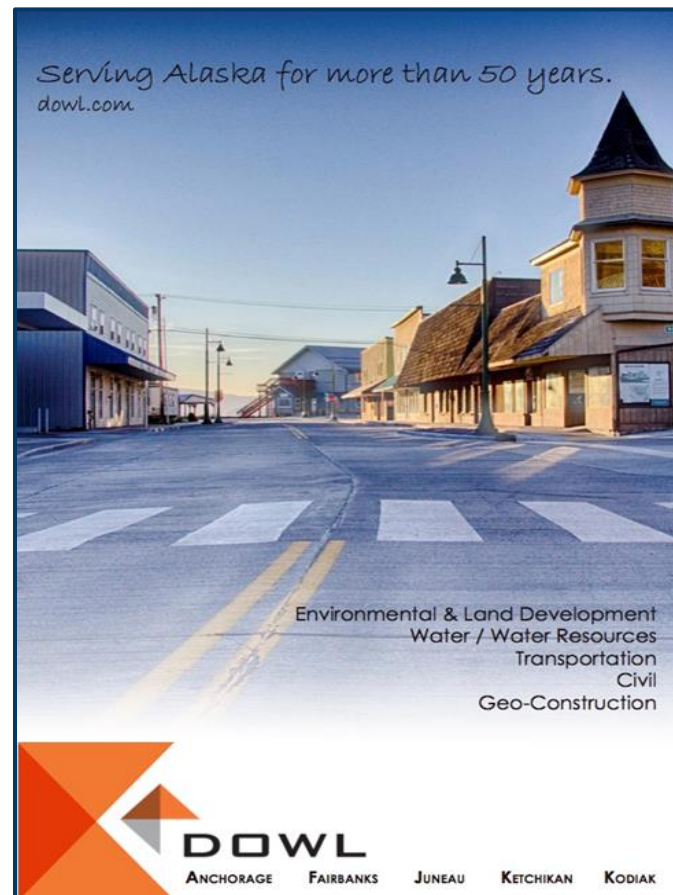
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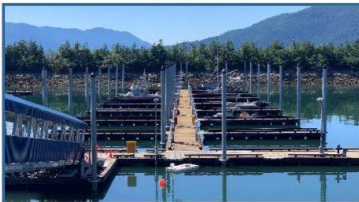
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**CONTACT:**

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