

ALASKA CAPITAL ENGINEERS

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APRIL EVENTS

Virtual Presentation with Mike
App with Electro Scan

Date: 4/14/2021

Time: 12:00pm

Place: WebEx

MESSAGE FROM BRANCH SECRETARY SEAN KELLY

Hello Alaska Capital Engineers,

Welcome to spring everyone!

I hope you all have been enjoying the seemingly long winter we've been having here in Juneau and taking advantage of the snow that just won't quit. Last year it hit 60°F in April so get all of the skiing in that you can!

Getting through all of the hurdles that Covid-19 has placed before us has been a challenge over the last year. Unfortunately the repercussions are not over yet, this year's annual halibut feed will need to be canceled. It is, however, starting to look like we are on the path to pre-virus normalcy. We all appreciate everyone's efforts in continuing to join us virtually.

In closing I would like to reiterate Micki and Lucas's message from last month. We are looking for individuals who are interested in joining the board for the 2021-2022 year. Hopefully, we will be able to return to in-person luncheons next year and being a part of the Juneau ASCE board is a great opportunity to give back to the industry and get to know and collaborate with fellow Juneau engineers. If you are interested, please reach out to us via this email.

Please join us this month to hear from Mike App with Electro Scan on the 14th.

Sincerely,

Sean Kelly

Juneau Branch Secretary

Electro Scan Presentation

Mike App, Vice President of sales for Electro Scan joins us to discuss use of FELL (Focused Electrode Leak Location ASTM F 2550-18) and how it can be used to locate (within 1/2") and quantity infiltration (in GPM) and inflow in high water table areas. Too much water? We love that! The technology allows data to be used in minutes, without 3rd party interpretation and can be done at any time of the year. If you are unable to attend this presentation, it will be recorded and can be found on our website <http://branches.asce.org/juneau/home>.

Speaker Bio

Mike App serves as Electro Scan's Vice President, Sales. Mike works with Tlectro Scan's Sales and Service Groups to provide clients a total Turn Key approach to using Electro Scan and its innovative technology. Mike started with Electro Scan in 2018, and has already overseen 350,000 LF of Focused Electrode Leak Location (FELL) inspection.

Prior to joining Electro Scan, Mike had an illustrious career in the CIPP field where he was the Senior Project Manager for Precision Trenchless LLC. While working with PTLLC, Mike oversaw the day-to-day management of the UV Fiberglass CIPP lining crews in Schenectady, NY, Syracuse, NY and Portland, OR. During this time, Mike installed and/or supervised over 100,000+ LF of UV Fiberglass CIPP, installed the world's first UV Fiberglass USF 61 CIPP and was involved in a rehabilitation project that was runner up in 2016 for Rehabilitation Project of the Year from *Trenchless Technology Magazine*.

Mike brings this valuable first hand experience and leadership to Electro Scan's team. Mike holds a bachelor's degree from St. John Fisher College, and a Master of Arts from State University of New York at Albany. Mike, his wife Michelle, and children live in Syracuse, NY.

2021-2022 CALL FOR NOMINATIONS

DUE SEPTEMBER 31ST, 2021

IT'S TIME TO THINK ABOUT OUR HARD-WORKING FRIENDS AND COWORKERS! THE ASCE JUNEAU BRANCH IS LOOKING FOR NOMINATIONS TO FILL THE 2021-2022 SECRETARY POSITION. JOINING THE ASCE JUNEAU BRANCH BOARD IS A GREAT OPPORTUNITY TO BECOME MORE INVOLVED WITHIN THE ENGINEERING COMMUNITY IN JUNEAU. PLEASE CONSIDER NOMINATING SOMEONE WORKING IN ENGINEERING FOR THIS YEAR'S ELECTION. NOMINATION FORMS ARE POSTED ON THE ASCE JUNEAU BRANCH WEBSITE.

ASCE ALASKA SECTION, JUNEAU BRANCH 2021-2022 SECRETARY NOMINATIONS

REQUIREMENTS:

- THE NOMINEE SHALL BE A JUNEAU RESIDENT.
- THE NOMINEE SHALL BE WORKING IN THE FIELD OF ENGINEERING.

DREAM BIG, ENGINEERING OUR WORLD

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



MATH COUNTS

The regional level mathletes competed in a two level virtual regional competition to seed them into the State Competition being held on March 25.

The top four mathletes from the Southeast Region two level competition have been invited to attend the virtual State Competition and they are

Dzantik'i Heeni Middle School (Juneau, AK) Mahi Bhatt

Floyd Dryden Middle School (Juneau, AK) Dan R Degener

Home Bridge Juneau Alaska (HomeBRIDGE, AK) Denali JF Schijvens

Montessori Borealis Adolescent Program (Juneau, AK) Finn Lamb



The top individuals qualifying for the National MATHCOUNTS competition from each state receive an all-expenses-paid trip to the 2021 Raytheon Technologies MATHCOUNTS National Competition, which takes place May 8-11 in Washington, DC. As of now the event is planned as an in-person event.

The MATHCOUNTS Foundation is a 501(c)3 non-profit organization that reaches students in grades 6-8 in all US states and territories with extracurricular math programs. More than a quarter million students participate each year.

<https://www.mathcounts.org/>

For information on MATHCOUNTS in Juneau, or to volunteer, contact Doug Murray (doug@murray@pdceng.com)

Members of last year's Southeast regional MATHCOUNTS winning team from Dzantik'i Heeni Middle School. From left: coach Mary Borthwick, Marina Lloyd, Krishna Bathija, Addy Mallott and Edward Hu. (Kevin Gullufsen | Juneau Empire)



2021 REPORT CARD FOR AMERICA'S INFRASTRUCTURE

GRADES REVEAL WIDENING INVESTMENT GAP

By Ben Walpole.

March 3, 2021

ASCE's [2021 Report Card for America's Infrastructure](#), released March 3, assessed U.S. infrastructure with an overall C- grade.

[Read More>>>](#)

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. All virtual presentations will be recorded and posted on our website. Email the PDH phrase to events@alaskacapitalengineers.org to receive credit. 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 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 Janice Wells.

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

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](#)

2020-2021 ALASKA CAPITAL ENGINEERS OFFICERS

ASCE

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

Special Committees

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

ASPE - Alaska Society Contacts

Past President – Chris Miller, PE
President – Craig Blesdoe, PE
President Elect – Vacant
Secretary - Leora Houtary, PE
Treasurer – Iain McPHerson, PE
NSPE House of Delegates - Brad Fristoe, PE
Anchorage Chapter Director – Craig Blesdoe, PE
Fairbanks Chapter Director - Frank Wuttig, PE
Juneau Chapter Director - Darrell Wetherall, PE



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All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.

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 and let us know what position you're interested in. We'll make sure your information gets into the right hands.



www.PDCENG.com

Civil Engineer

Position Opening

PDC, a **RESPEC** Company, is seeking a civil design engineer to join our full-service engineering team! We design innovative world-class projects utilizing state-of-the-art technologies. Experience providing technical leadership within civil engineering and diversified knowledge of engineering practices is a must. This is a management position for utility and site design projects; 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
- 5+ years' of cold regions 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

Compensation: Salary DOE. We offer competitive pay, excellent benefits (healthcare, retirement, disability & life insurance, paid time off, 10-holidays/year) and advancement opportunities, continuing education, and professional societies. PDC, a division of RESPEC, is 100-percent employee-owned.

This position is available in our Fairbanks and Juneau office. Submit your cover letter and resume to PDC Engineers, Attn: Human Resources, PO Box 32723, Juneau, AK 99803 or at jobs@pdceng.com.

Interviews are by appointment only. Open until filled.

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All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.

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 and let us know what position you're interested in. We'll make sure your information gets into the right hands.



www.PDCENG.com

Professional Land Surveyor

Position Opening

PDC, a **RESPEC** Company, is seeking an experienced Professional Land Surveyor to join our full-service engineering team to lead and grow our Southeast Survey Department in Juneau, AK.

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

Compensation: Salary depends on experience. We offer competitive pay, excellent benefits (healthcare, retirement, disability & life insurance, paid time off, 8-holidays/year) and advancement opportunities, continuing education, and professional societies. We are 100-percent employee-owned.

Submit your resume to PDC Engineers, Attn: Human Resources,
PO Box 32723, Juneau, AK 99803 or at jobs@pdceng.com.

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The City & Borough of Juneau, Alaska
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This recruitment will be used to fill 2 vacancies in the Engineering Division.

The level at which the selected applicant is appointed will be based on the applicant's qualifications and other job related requirements.

Vacancy #1 - Management of planning, design and construction projects specifically associated with city road reconstruction, water, wastewater and storm water utility infrastructure improvements, and recreation facilities such as playgrounds, sport fields and trails.

Vacancy #2 - Management of planning, design and construction projects specifically associated with renovation and new construction of city facilities including libraries, fire stations, medical facilities, recreational facilities, and schools

Apply at:
<https://juneau.org/human-resources>

Questions?
Dallas Hargrave
HRRM Director
Dallas.Hargrave@juneau.org
907-586-0225

This announcement remains open until filled.

Location: The City and Borough of Juneau (CBJ) is the major population and economic center in southeastern Alaska and the capital of the state.

The City is located in an extremely beautiful setting on Alaska's Inside Passage, surrounded by tree-covered mountains in the middle of the largest temperate rain forest in North America.

The CBJ encompasses an area of 3600 square miles, has a population of approximately 32,500, and possesses numerous recreational opportunities for the adventurous. Juneau is on the marine highway system and is only accessible by air or ferry.

Department: The Engineering and Public Works Department Engineering Division offers a wide variety of services including planning, design, and construction of the municipal capital improvement projects for civic buildings, schools, parks, streets, & a wide variety of public facilities. The Division has 23 employees, ten of which are in the Capital Project unit and are responsible for management of \$10-20 million in capital improvement projects annually.

Applicants:

The successful candidate will have strong knowledge and experience in building design, construction and project management. The successful candidate will possess a wide range of skills including contract negotiation, project budgeting, cost estimating, and construction inspection. Strong communication skills, both written and oral, and attention to detail are essential traits of the successful applicant. The applicant should also be comfortable leading meetings, maintaining effective working relationships with government agencies, client departments, contractors and consultants, resolving conflict and building consensus where there are differing opinions, responding to public inquiry about projects, and presenting project information in a public forum. A Bachelor's Degree from an accredited college or university in Engineering, Architecture or Construction Management, or a closely related field is desired. Applicants should have a minimum of two years experience in engineering, construction, or architecture. Registration as a Professional Engineer or Architect is highly desirable but not required.

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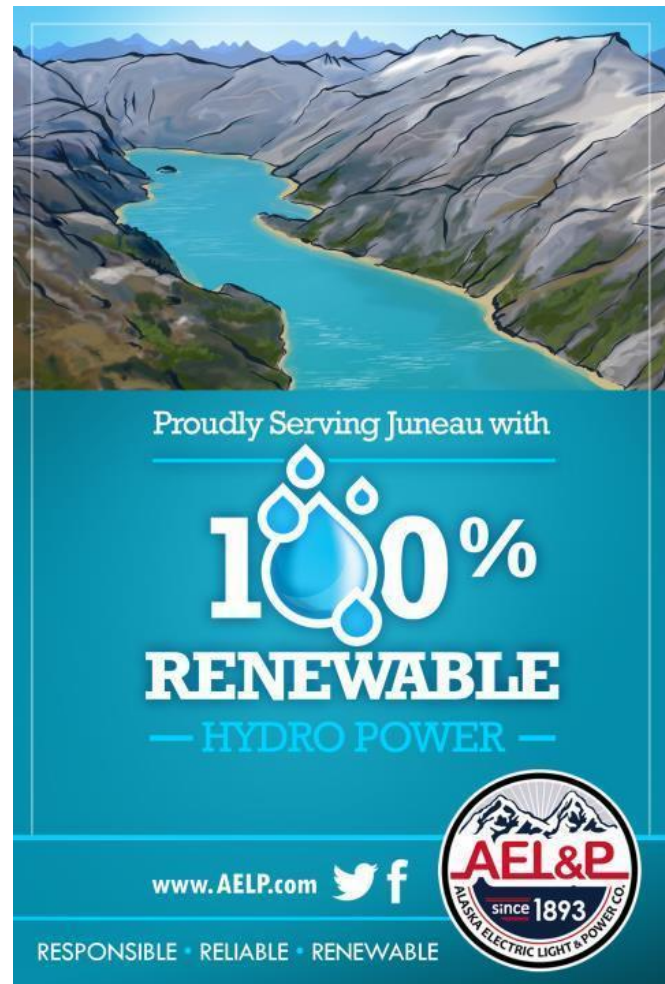
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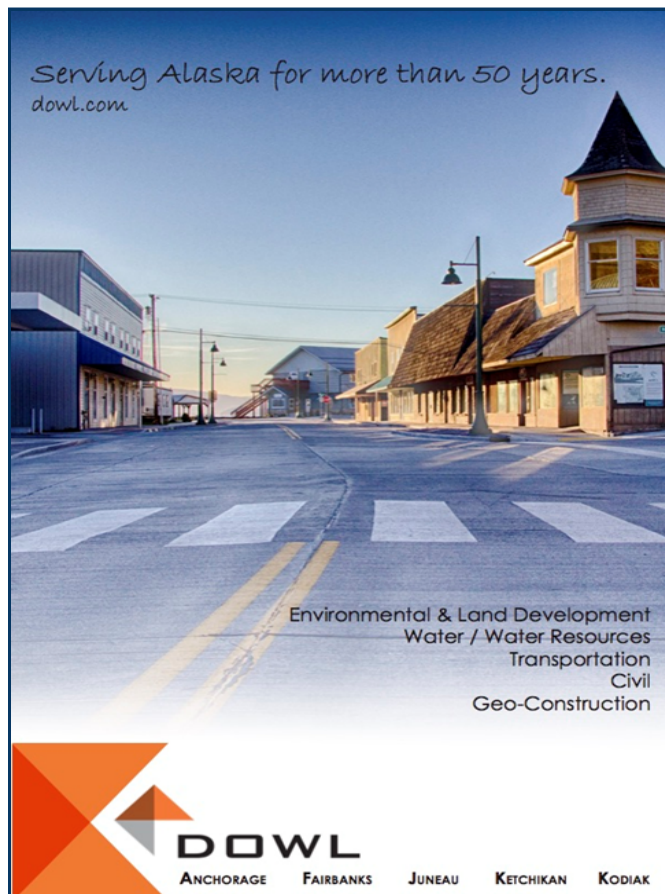
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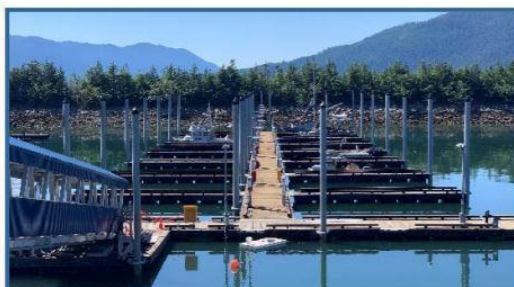



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