



# Alaska Designs

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The Official Newsletter of the Alaska Professional Design Council

## New Rules In Effect for Any Signed & Sealed Document

A new AELS regulation effective June 18, 2016, mandates that registrants shall include the following information on any document required to be signed and sealed:

"(g) The registrant shall include on all documents that are required to be signed and sealed:

- (1) Its business name, physical address, and telephone number
- (2) The project name or identification
- (3) The project address or location
- (4) The certificate of authorization number issued to the corporation, limited liability company, or limited partnership to practice, engineering, land surveying, or landscape architecture, if applicable

(h) On documents where multiple entities are authorized to practice architecture, engineering, land surveying, or landscape architecture are indicated, the registrant shall clearly identify the sole proprietor, partnership, corporation, limited liability company, limited liability partnership, or other authorized entity responsible for the work."

The regulation was promulgated at the request of the AELS Board investigator. In many cases, the person stamping the document does not work for the company whose title block or letterhead appears on the document. Examples would be title blocks for manufacturers, government agencies, corporate entities, or even other design professionals. In some of these cases, they have had policies to prevent corporate logos or other information on their drawings. This makes it difficult for the investigator to find the registrant,

especially if the registrant uses their home address and phone number for communication with the AELS Board or has not informed the Board of an address change.

Additionally, this information will help to identify if the registrant is in responsible charge for an authorized entity, if applicable. A sole proprietor or partnership does not need a certificate of authorization and will not have such information to provide.

Items 2) and 3) of the information may be intrinsically in the title

block but may need to be added to the heading of a report or other correspondence. Items 1) and 4) may be part of a logo in the title block or letterhead but has to be associated with the registrant stamping the document. This is especially true if there is another logo on the sheet.

On projects with a title block other than your own, the registrant needs to make sure that there is space for the information related to them and the project, if not already contained in the title block. ❖

## May AELS Board Meeting Highlights

The Board of Registration for Architects, Engineers and Land Surveyors (AELS Board) held its quarterly board meeting May 5-6, 2016, in Fairbanks. These notes are from the board's Meeting Highlights Summary available on the board's website (link at end of article).

Board members in attendance were Colin Maynard, PE, SE Chair; Kathleen Schedler, PE, Secretary; John Kerr, PS; Dave Hale, PS; Brian Hanson, PE; Luanne Urfer, PLA; Jeff Koonce, Architect; Catherine Fritz, Architect, and Fred Wallis, PE.

Participating from the Division of Corporations, Business and Professional Licensing were Sara Chambers, Operations Manager, CBPL; Martha Hewlett, Administrative Officer; John Savage, Investigator; Vernon Jones, Executive Administrator, AELS Board, and Sarena Hackenmiller, Licensing Examiner.

Members of the Public in attendance for portions of the meeting

were Chris Miller, PE, representing Design Alaska; and Joseph Notkin, Architect, Representing Alaska branch of AIA.

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## Highlights of May AELS Board Meeting

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### Disciplinary Actions Taken:

Case 2015 001720 – Imposition of a civil fine of \$500 against Robert W. Basler; and Case 2015 – 000957 and 2015 000958 – Imposition of a civil fine of \$1000 against Emmanuel Bergee.

### Regulations Adopted:

Change to 12 AAC 36.050 Deadlines. Changes to 12 AAC 36.063 Engineering Education and Work Experience Requirements; 12 AAC 36.108 Application for Registration as a Structural Engineer; 12 AAC 36.180 Seals; 12 AAC 36.185 Use of Seals; and 12 AAC 36.990 Definitions.

**Regulations Approved for Public Notice:** Changes to 12 AAC 36.062 Eligibility for the Fundamentals of Engineering Examination, 12 AAC 36.063 Engineering Education and Work Experience Requirements, 12 AAC 36.064 Eligibility for the Fundamentals of Land Surveying Examination, and 12 AAC 36.065 Eligibility for Professional Land Surveyor Examination.

**Legislation:** SB 118 regarding survey reviews required by DNR. AELS removed by committee substitute.

**Continuing Education Audits:** 287 applicants received audit notices. 200 have been approved to date, 10 need additional documentation, and 77 remain to be reviewed.

**Applicant Files Reviewed:** The board reviewed 63 applications for registration by comity or examination. Of these, 22 applications were approved, 33 applications were conditionally approved pending receipt of additional documentation, and 8 applications were found to be incomplete and will be reviewed again at the August 2016 meeting upon receipt of additional documentation.

### Action Items - Motions

**Motions Thursday, May 5, 2016:** Motion to bring item 6b (structural engineering project) off the table. Motion passed.

Motion to purchase tablets and other electronic devices for Board Members and Staff to be used to conduct Board business. Motion passed.

Motion to adopt changes to 12 AAC 36.063, 12 AAC 36.108, 12 AAC 36.180, 12 AAC 36.185 and 12 AAC

36.990 as public noticed. Motion failed the first vote on a roll call vote of 4 yes, 3 no, 1 abstain. Brought back up on day two and passed on a roll call vote of 6 yes, 1 no 1 abstain.

### Motions Friday, May 6, 2016:

Motion to approve for public notice changes to 12 AAC 36.062, 12 AAC 36.063, 12 AAC 36.064 and 12 AAC 36.065. This change would remove the requirement to apply to the

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## R&M Consultants Welcomes Jean Cumlat

Jean Cumlat joined R&M CONSULTANTS, INC. (R&M) as a Staff Engineer in the firm's Engineering Department in April 2016.

Jean is part of R&M's Waterfront Engineering Group. As a part of this group, she will be involved with civil and structural design of port and harbor development projects, including docks, wharfs, marina float systems, boat launch and barge loading ramps, breakwaters and erosion control projects. Her responsibilities include civil and structural analysis, coastal modeling, dredging design, corrosion protection, water and sewer utilities, and other upland site development associated with these projects.

"I was referred to R&M by my supervisors at the Alaska Department of Transportation & Public Facilities (DOT&PF) in Juneau. They highly recommended the firm as a great place to work," said Jean. "I really like it here. I'm still working with marine facilities, which I did at DOT&PF, and really enjoy it."

Jean spent the last three years as an intern with DOT&PF in their

Marine Facilities Department. She provided support for several marine facility projects, including helping

to format, compile and edit the 2012, 2013 and 2014 Alaska Marine Highway System Shore Conditions Report. She was also involved with the Kodiak Ferry Terminal Master Plan, Clark Bay Ferry Terminal Replacement, Haines Ferry Terminal Im-

provements, Port Alexander Outer Harbor Replacement and several other harbor improvement projects. Her responsibilities included assisting with preparation of preliminary and final bid documents, as well as environmental permit drawings.

Since joining R&M, Jean has assisted with the Valdez Harbor Development project. She received her B.S in Civil Engineering from the University of Alaska Anchorage in May. Jean was born and raised in Juneau, moving to Anchorage to attend college. She spends her summers outside hiking, fishing, and boating with her parents and loves to travel – she has a trip planned to London next year. ❖



## APDC LLC Report

*By John Walsh, APDC Lobbyist*  
*Editor's Note: This End of Regular Session Legislative Report was prepared May 19, 2016.*

The 2nd Session of the 29th Alaska State Legislative session adjourned shortly before midnight Tuesday May 18, the 121st day of the session. While Alaska Statute, enacted by voters in 2006 limits legislative sessions to 90 days (April 17th, 2016), Article 2, Section 8 of the Alaska Constitution provides that the legislature shall adjourn no later than 120-consecutive days from the date it convenes. The constitution further allows for a 10-day extension to the 120-day limit but requires a 2/3 affirmative vote of each body to extend themselves. While the Senate was able to vote to extend, the House was unable to secure the necessary 27 votes making an extension unavailable.

Given that the operating budget (HB256) had not passed both the House and the Senate and out of time, adjournment was their only available option. Once the legislature officially adjourns, any and all legislation that has not passed both bodies, in other words any work on the table, dies with the adjournment gaveling action.

At 12:01am, May 19, Governor Walker issued a Special Session Proclamation beginning Monday, May 23 at 11:00am. Article 2, Section 9 stipulates that the special session may only consider subjects designated in the proclamation by the governor and limits special session to thirty days.

While the legislature may or may not advance many of the issues on the governor's proclamation, they must provide the executive branch a budget prior to July 1, 2016, the

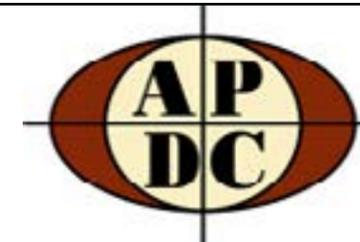
beginning of the Fiscal Year 2017 or face a government shutdown. Article 9, Section 13 makes clear that "No money shall be withdrawn from the treasury except in accordance with appropriations made by law." Article 2, Section 1 makes clear that "The legislative power of the State is vested in a legislature consisting of a senate with a membership of twenty and a house of representatives with a membership of forty."

The issues facing Alaska have not changed dramatically since the beginning of the session in January 2016; namely, the state faces a devastating cash flow crunch due to essentially flat oil production coupled with depressed world prices for crude oil. With the sudden drop in oil revenues, the state faces a near \$4,000,000,000 (\$4 billion) annual budget deficit. While Governor Walker introduced revenue raising measures at the beginning of the legislature session, the legislature did not advance any of the measures. The governor has included them in the Special Session Proclamation. Governor Walker has also proposed that the legislature consider making statutory changes to the Permanent Fund Earnings Reserve Account to allow a portion of those funds to be transferred to the general fund for state government operations. The legislature did not advance legislation on that issue either. The governor has included the issue on the Special Session Proclamation.

If the legislature has not advanced an operating budget to the governor by June 1st, the executive branch must begin the process of notifying state employees of the possibility of a government shutdown.

Oil tax credit legislation (HB247) consumed much of the legis-

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The monthly newsletter of the Alaska Professional Design Council does not necessarily express the opinions of the Council, the member societies, or their members.

### OFFICERS

#### President

Mike Rabe, ACEC, 646-5634

#### President-Elect

Mark Kimerer, ASLA, 561-5780

#### Secretary / Treasurer

James Dougherty, AIA, 258-7777

#### Past President

John Pekar, ASPE, 344-7580

### DIRECTORS & CHAIRMEN

Joseph Notkin, AIA .....888-4600  
Jon Stolle, AIA .....  
Greg Kinney, ASCE .....  
Tor Anderzen, ASCE Anch Chpt.....306-3450  
Dale Nelson, ASCE, LLC Chair.....230-5416  
Jake Gerondale, ASPLS .....272-5451  
Steven Buchanan, ASPLS .....338-7878  
Victor Apodaca, ASPE .....452-1414  
Stafford Gashan, ACEC .....561-2120  
Dana Nunn, ASID.....561-5543  
Cara Mazurek, ASID .....563-4572  
Paul Wallis, SEAAK .....273-1625  
Amy Mestas, SEAAK .....  
Erica Jensen, ITE.....646-5267  
Will Webb, PE, PTOE .....  
David Moore, AIA, ASD CAC.....272-3567

### Newsletter Editor

Vicky Sterling, 644-9940  
sterlingtouch@gci.net

### Executive Director

Angie Monteleone, 334-9620  
ak.prof.design@gmail.com

### Mail

Alaska Professional Design Council  
PO Box 244141  
Anchorage AK 99524-4141

<http://www.apdc-ak.org>

## First Cruise Ship Visits New Dock Near Hoonah

Anchorage, Alaska, <May 11, 2016> – The new gateway to Icy Strait Point, located just outside the small village of Hoonah, is now open for the 2016 summer cruise season. At 7:00 AM (AKT), the Norwegian Cruise Lines' Pearl made its first visit to the newly constructed 400-foot-long by 50-foot-wide floating dock.

The new cruise ship berthing facility augments the tender boat system, formerly the only means of conveying passengers to shore at Hoonah, which involved using small boats to shuttle passengers from the cruise ship to the island. The new floating dock is expected to make the disembarking process safer, more efficient and more comfortable for passengers. Additionally, the facility will provide passengers with certain ambulatory disabilities access to shore excursions who may not have been able, or preferred to go ashore

by the tender system.

As part of a design-build team with Turnagain Marine Construction, Moffatt & Nichol provided engineering design and construction support services for the new dock, which involved dolphins with socketed and rock anchored pilings, floating pontoons, and a trestle and transfer span with associated supports. The team was met with an array of challenges that included a fast-track schedule, a tidal range of roughly 28 feet, a subsea bedrock with a steep slope and an extremely exposed location.

“Due to excellent coordination, communication and team-work, Moffatt & Nichol and Turnagain Marine Construction came up with a cost-effective design-build strategy that made this project possible,” said Moffatt & Nichol Project Manager and Structural Engineer-of-Record

Paul Wallis, PE. “In addition, Moffatt & Nichol’s extensive engineering experience working in the marine environment benefited the project and its successful outcome.”

Additionally, Turnagain Marine Construction’s efforts, working in such rugged conditions, were a testament to their pedigree as a true Alaskan maritime constructor. “Everything seemed well-received and the owner seemed very happy with the facility and the quality of the finished product,” commented Turnagain’s Project Manager, Mr. Julian Koerner.

More than 75 ships are expected to visit the new dock through September. Icy Strait Point is the only private cruise destination in Alaska with a substantial amount of tourism dollars going back into the local economy. ❖



*Pictures on pages 4 & 5 show perspectives of the new dock at Icy Strait Point as the first cruise ship arrived in May. Photos distributed by Moffatt & Nichol were taken by Project Engineer Paul Wallis, PE.*



## Will Rhodes Joins R&M Consultants' Fairbanks Office

Will Rhodes recently joined R&M CONSULTANTS, INC. (R&M) as a Senior Geologist in the firm's Fairbanks office, expanding the firm's service offerings locally in Fairbanks to include engineering geology and environmental services.

Since opening our Fairbanks office in 2009, the staff has been composed mainly of surveyors and right of way staff. As part of our strategic business plan, R&M has planned to add other staff in this office to provide services within our core business lines. Will offers a local Fairbanks complement



to our Anchorage Earth Sciences Department. He will be responsible for supporting ongoing engineering geology and environmental work for a variety of civil and environmental projects, including subsurface investigations, site characterization, material site assessments, geologic mapping, engineering geology, aerial photo interpretation, geotechnical/environmental site investigations, technical report writing and data analysis.

"R&M was founded in Fairbanks in 1969 by a geologist and geotechnical engineer," said Charlie Riddle, R&M's Senior Vice President of Earth Sciences. "We look forward to many more years of earth sciences projects based in Fairbanks and are thankful Will has re-joined R&M to lead those efforts."

Will has eight years of experience in geology and environmental engineering. He is a former R&M employee, working for the firm from 2008 to 2010 in our Anchorage office.

He left R&M to return home to Fairbanks where he had lived for eight years prior to moving to Anchorage, and to develop his experience with a firm specializing in contaminated sites management and remediation.

"I pursued rejoining R&M as I enjoyed the diversity in projects I worked on in the Earth Sciences Department supporting geological, geotechnical and environmental project components," said Will. "I appreciate R&M's high level of professionalism and commitment to their employees. It's also very important to me to be a part of an organization that is Alaskan owned and operated."

Will is experienced in contaminated site management, including site characterization and monitoring activities; remediation system installation and implementation; and environmental sampling. He has particular expertise with vapor intrusion assessments, chlorinated solvent release characterization and remediation. In addition, he has performed environmental regulatory work, including permitting, state and federal agency coordination, and environmental document preparation.

Will is also experienced in engineering geology performing geotechnical investigations, roadway material site evaluation and slope stability assessment. He is knowledgeable of contaminant fate, and transport and remediation strategies used in arctic and sub-arctic climates and how soil properties and surficial geology affect planning and construction of infrastructure in Alaska.

"I appreciate the mix of field and office work," said Will. "I enjoy travelling to the far reaches of the state on field assignments to collect data. After I have had all the rain, snow and wind I can take, I appreciate performing data analysis and preparing reports back in the office."

Since rejoining R&M, Will has been involved in proposal development and marketing, with the goal of establishing R&M's Earth Sciences presence in Fairbanks. He is also supporting the Class V Injection Well Removal and Closure effort for the Alaska Department of Transportation & Public Facilities (DOT&PF) Maintenance & Operations Stations and R&M's environmental term contract with the Fairbanks International Airport.

Will has a B.S. in Geology and a M.S. in Environmental Engineering from the University of Alaska Fairbanks. He has spent most of his adult life in Alaska and enjoys spending time in Alaska's wilderness throughout the year. He resides near Fairbanks in one of Alaska's most prominent mushing communities (Two Rivers) and his life outside the office revolves around breeding, training and racing sled dogs with his wife and daughter at their kennel, Mackey's Alaskan Distance Dogs. Will also enjoys backpacking, fishing and hunting.

Founded in Alaska in 1969, R&M offers civil, structural, geotechnical and waterfront engineering; surveying and mapping; GIS services; geology; hydrology; environmental services; transportation and land use planning; public involvement; right of way and lands consulting services; construction administration; materials testing; and special inspection. R&M has offices in Anchorage and Fairbanks. ❖

## National Housing & Rehabilitation Association

### Nominations Due July 29 for "Timmy" Awards

The National Housing & Rehabilitation Association is seeking nominations for this year's Timmy Awards.

The Annual J. Timothy Anderson Awards for Excellence in Historic Rehabilitation are the only awards to honor and call attention to the preservation and restoration of America's historic properties and to celebrate innovative redesign and usage of great buildings from our past. NH&RA is now accepting applications for this unique awards competition. Entries in each of the nine categories are judged on the basis of overall design and quality, interpretation and respect of historic elements, and market success.

The "Timmys" look for a wide variety of nominees proposed by a wide variety of people interested in American architecture, design and development. If you would like to enter a deserving project, please submit an application by no later than Friday, July 29, 2016. The Timmy Awards have "gone green" by eliminating paper applications and will only accept digital applications through our online portal.

The 2016 "Timmys" will be awarded in the following categories:

- Best Commercial/Retail/Non-Residential Project
- Best Historic Rehab Utilizing LIHTCs – Small (Up to \$10 million total development cost)
- Best Historic Rehab Utilizing LIHTCs – Large (Over \$10 million total development cost)
- Best Historic Rehab Utilizing New Markets Tax Credits
- Best Market-Rate / Mixed-Income Residential

Four special Judges Awards, drawn from the entire pool of appli-

cations, will be awarded for:

- Most Advanced Financial Structure
- Achievement in Sustainability
- Most Innovative Adaptive Reuse
- Best Historic Mill or Factory Rehabilitation

More information about the "Timmy" Awards, the 2016 application round, as well as application instructions and Frequently-Asked-Questions can be found on NH&RA's website at <https://www.housingonline.com/about/j-timothy-anderson-awards>. ❖

## APDC LLC End-of-Session Report

*Continued from Page 3*

Alaska's time during regular session and in the end was central to the failed adjournment. In an effort to stimulate exploration and ultimately production, the legislature has, over the past 8-years, incentivized companies to make investment in the state, both on the North Slope, Interior Alaska and Cook Inlet. Given the downturn in oil prices, the state finds itself spending vast amounts of general funds at a time when legislators are proposing dramatic cuts to state government services, perhaps even having to limit permanent fund dividends or raise taxes to make payments to oil exploration and producing companies. The optics of this dilemma, not to mention the cash flow constraints, force the issue into the limelight challenging relations within the legislature and raising concerns with companies operating or planning to invest in Alaska. This issue is included in the governor's Special Session Proclamation.

Of course 2016 is an election year. While no one will directly attribute the end of session unraveling to politics, one could make the case that it's entirely steeped in politics as individuals and parties angle to advantage themselves for upcoming vacancies, new allegiances and possible campaign issues, including embarrassing vote histories, etc.

Alaska is at a crossroad, perhaps our most serious challenges in our 57 years of statehood. The state does have financial resources that can be deployed, including but not limited to our savings wealth, which could be used in a manner to reduce the annual deficit. Governor Walker described the current impasse as a 'philosophical shift' from an over-dependence upon one source of income to a more diversified revenue stream approach. Suffice it to say that this implies a smaller government or reducing expenditures as well. The governor indicated this morning that he is optimistic, has positive and open relations with legislative leadership but he was adamant that he is looking for a "plan" that closes the deficit by 2019, adding that the 'cost of delay' only makes the recovery effort more expensive, requiring larger and more complicated remedies. ❖

### ASPLS Welcomes New PLS as Members

ASPLS congratulates all who passed the April exam for licensure as a professional land surveyor in Alaska, and welcomes Kimra Widmer (SurvBase LLC), Stacy Hipsak (Enterprise Engineering Inc.), and Veronica Bojko (DOWL) as full members of ASPLS.

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## Highlights of May AELS Board Meeting

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Board to take the FE and FS examinations. Motion passed.

Motion to pursue a change to AS 08.48.331 (9) to add Land Surveying. Motion passed.

Motion to initiate a regulation project addressing the change of the Intern Development Program (IDP) to Architectural Experience Program (AXP). Motion passed.

Motion to initiate a regulation project to change 12 AAC 36.109 Landscape Architect by comity to allow use of the CLARB Council Certificate. Motion passed.

Motion to change the Sanction Guidelines related to lapsed licenses to make the minimum civil fine a fine of not less than two times the cost of all back license fees. Motion passed.

Motion to institute a regulation project to look at late fees. Motion passed.

Motion to reconsider the vote on the structural engineering regulation changes voted down on the previous day. Motion passed.

Motion to include Sarena Hackenmiller in the travel request to attend the NCARB Annual meeting June 15-18, in Seattle WA.. Motion passed.

Motion to support John Savage, Sarena Hackenmiller, and Vernon Jones to attend the NCEES Annual in Indianapolis IN. Motion passed.

Motion to send Luanne Urfer and Vernon Jones to the CLARB Annual meeting in Philadelphia, PA in September 2016. Motion passed.

Move to make Colin Maynard and Dave Hale the funded delegates for the NCEES 2016 Annual meeting in Indiana. Motion passed.

**Board Elections:** Brian Hanson elected Board Chair; Dave Hale elected Vice Chair; Jeff Koonce elected Secretary.

**AELS Deadlines/Exam In-**

**formation:** The next board meeting is tentatively scheduled for August 4-5, 2016, in Anchorage. The deadline for receipt of applications and supporting documents in the Juneau office is 14 days prior to the meeting.

Future tentative meeting dates are November 3-4, 2016, in Anchorage and February 8-9, 2017, in Juneau.

### NCEES Exam Applicants:

For the Fundamentals of Engineering (FE) and Fundamentals of Surveying (FS) examinations there is no longer a deadline. You may submit applications at any time. The exam is available all year.

The last pencil and paper PS exam had been administered. The PS is moving to CBT and will be available all year.

To retake a failed PE/PS exam a written request must be in our Juneau office a minimum of 5 days prior to the deadline set by NCEES to register for the exam.

For all new PE/PS/ARE/LARE exam applicants, applications and supporting documents must be received in the Juneau office 14 days prior to board meetings. There will be no exceptions.

### Regional and National Participation

The next NCEES Annual will be in Indianapolis, IN. August 24-26, 2016.

The next CLARB Annual will be in Philadelphia, PA September 22-24, 2016.

### Staff Reports

**Investigator's Report:** John Savage, Division Investigator for the AELS Board, reported the status on the investigative cases and actions and provided training for new Board Members.

**Examiner's Report** can be viewed at <https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors/Examiners-QuarterlyReport.aspx>.

**Investigative Report** can be viewed at <https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors/BoardMeeting-Summaries.aspx>.

Visit the AELS Board website for the complete meeting summary, Guidance Manual, and other information, and to join the Interested Parties List to receive notices of proposed regulations and to join the List Serve to receive emails of agendas, meeting summaries and minutes, etc.: <https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx>. ❖

### Member Societies

Alaska Society of Professional Engineers (ASPE)  
Alaska Society of Professional Land Surveyors (ASPLS)  
American Institute of Architects Alaska Chapter (AIA)  
American Society of Civil Engineers Alaska Section (ASCE)  
American Society of Landscape Architects Alaska Chapter (ASLA)  
American Council of Engineering Companies of Alaska (ACEC)  
American Society of Interior Designers Alaska Chapter (ASID)  
Institute of Transportation Engineers Alaska Chapter (ITE)  
Structural Engineers Association of Alaska (SEAAK)

### Structural Engineers of Illinois

## Structural Engineers Honor Tanana River Bridge

SPRINGFIELD, Ill. — The Tanana River Bridge in Salcha has been honored by the Structural Engineers Association of Illinois during its annual Excellence in Structural Engineering Awards. Hanson Professional Services Inc. designed the 3,300-foot-long bridge.

At a June 11 banquet in Chicago, the bridge was named the winner in the category for best project of more than \$150 million. The awards recognize creative achievement in structural engineering. Projects do not need to be located in Illinois to be considered for an award.

The bridge is the first phase of the Alaska Railroad Corp.'s Northern Rail Extension, a project that will create an 80-mile railway between North Pole and Delta Junction. The extension will provide a safer, all-weather transportation option and give the military improved, year-round access to a one-million-acre training range south of the Tanana River. Hanson has been providing design engineering services since 2006 for the four-phase extension project, including hydraulic and structural engineering services and addressing geotechnical, hydraulic and seismic issues for the bridge.

At 3,300 feet, the bridge is the state's longest and is designed to serve roadway and railroad traffic with a single bimodal deck. The 20-span bridge was built for \$187 million — \$1 million under budget — and on time, with a three-year con-

struction process. The designers had to account for wind, water pressure, scouring, sheet ice, ice jams and severe flooding in an area with a broad flood plain. The bridge crosses the glacier-fed, braided Tanana River at a remote site in an area with active and potentially active seismic faults and temperatures that range from occasional highs near 90 degrees to



lows near 70 below zero. During construction, piles for the bridge were driven and concrete was placed at 20 below zero in the winter. Ice flows and damming during ice breakup in the spring required the construction causeway and temporary bridging to be removed and replaced.

Hanson is a national, employee-owned consulting firm providing engineering, planning and allied services. The firm's corporate headquarters is in Springfield, IL. ❖

## ASPLS Welcomes New PLS as Members

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ASPLS and its parent organization, NSPS, offer complimentary membership to first-time registrants for their first full calendar year of licensure. These are the first registrants to accept membership invitations after the spring 2016 exam. ❖

## Two UA Graduates Join R&M Consultants

Two University of Alaska graduates recently joined the R&M CONSULTANTS, INC. (R&M) team:

Corey Prewett, EIT, CESCL joined R&M's Site Development Group in May 2016 as a Staff Engineer. He provides civil engineering support on site development projects, including schools, universities, harbors and other facilities. His responsibilities include AutoCAD drafting on building sites, including grading and drainage; submittal reviews; specification creation; and report review.



Before graduating in 2015 with a B.S. in Civil Engineering from the University of Alaska Anchorage (UAA), Corey served as President for the Institute of Transportation Engineers, UAA Chapter and the American Society of Civil Engineers, UAA Chapter. His previous experience includes working as a Traffic Analyst for the Municipality of Anchorage and as a Construction Intern for the Alaska Department of Transportation and Public Facilities (DOT&PF).

Since joining R&M, Corey has been responsible for submittal reviews for the DOT&PF SWPF Class V Injection Well Closure project, AutoCAD work for different UAA projects, and grading, specification review and AutoCAD drafting for the F-35 Eielson Earth Covered Magazines project.

"After interacting with R&M

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## Two UA Grads Join R&M Consultants

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employees at various ASCE student functions, it was clear to me that R&M had a very good reputation and their involvement in the community was a huge reason why I decided to join the firm," said Corey.

Corey has lived in Anchorage his entire life. He chose to stay in Alaska because he enjoys the engineering community and the wide range of challenges Alaska engineers are faced with. In his spare time, Corey plays, watches or coaches soccer. He also enjoys camping with his family and playing board games with friends.

Robert Colles, EIT, CESCL joined R&M in May 2016 as Staff Engineer in our Airport Engineering Group and is responsible for providing civil engineering design support for airport and utility projects. Robert previously worked with R&M as an intern in our materials laboratory for the past two summers before being hired full-time after graduation from the University of Alaska Fairbanks with a B.S. in Civil Engineering.

"I came back to R&M full-time because I had great experiences working for the materials lab the past two summers and the consistently positive attitudes of the current employees," said Robert.

As an intern, Robert provided materials testing and special inspections on road, airport, harbor and other facility projects. Since joining R&M full-time, Robert has worked on the Baronoff Booster Station Well Survey project and will be assisting with the Dillingham Runway Reha-

bilitation Design Services project.

Robert has lived in Alaska since middle school when his father was stationed at Elmendorf Air Force Base and intends to live, work and play in this state long-term.



He enjoys trail runs, hiking, backpacking, fishing, and bear and moose hunting. In the winter he spends his time cross country skiing or at Alyeska snowboarding.

Founded in Alaska in 1969, R&M offers civil, structural, geotechnical and waterfront engineering; surveying and mapping; GIS services; geology; hydrology; environmental ser-

vices; transportation and land use planning; public involvement; right of way and lands consulting services; construction administration; materials testing; and special inspection. R&M has offices in Anchorage and Fairbanks. ❖

## NSPS Foundation Issues \$22,000 in Scholarships

**NSPS Foundation issues \$29,000 in scholarships:** Two new scholarships were initiated in 2016. One was created through the New Jersey Society of Professional Surveyors in the name of well-known Surveyor/Attorney/Instructor Walt Robillard. The other was initiated through NSPS, and resulted from a gift of \$130,000 designated for a scholarship by the estate of Dr. Ing. Desider E. Slavoj. ❖



## Highlights from NSPS Spring Activity Report

Highlights from the National Society of Professional Surveyors spring 2016 activity report are provided below.

**National Association of Realtors:** NAR has responded to a letter from NSPS President Cavell, and requested a meeting to discuss a statement requested by NSPS to be placed in NAR Code of Ethics. The NSPS letter states, "NSPS urges the National Association of Realtors to add the following language to Article 13 of its Code of Ethics and Standards of Practice document:

"REALTORS® shall not engage in activities that constitute the unauthorized practice of Land Surveying and shall recommend that counsel of a professional land surveyor be obtained when the interest of any party to the transaction requires it."

President Cavell responded to the NAR request for examples of the types of activities about which NSPS is concerned, and is working to set up the requested meeting for further discussion of the need for the NSPS proposed statement which is similar to an existing statement in the NAR Code of Ethics related to activities that may be the unauthorized practice of law.

**Certified Floodplain Surveyor (CFS):** Rekindled interest from American Society of Flood Plain Managers for a joint NSPS/ASFPM certification. Currently available only in North Carolina. Discussions ongoing. Exec. Director Sumner and NSPS Past President (2001) Gary Thompson are working with ASFPM.

**NAD 22:** NSPS representatives worked with NGS and representatives from other groups to develop template legislation for use by the respective state legislatures to revise/amend their state laws dealing with datums when NAD 22 becomes

*Continued on Page 11*

## Highlights from NSPS Spring Activity Report

### Continued from Page 10

effective. The template will be released after full discussion among the affected groups.

**Future of Surveying Task Force:** During a meeting of the Task Force, June 10-11 in Baton Rouge, NSPS took the reins as the "lead organization" for future activities of the group. Surprising, and very rewarding, is the fact that from among the 18 organizations participating in the initial Forum meeting in Janu-

ary 2016, 16 sent representatives to this second meeting. It is important to note that NCEES funded travel for all groups to the initial meeting, but each organization was responsible for the expenses of its representative for the second meeting. Such participation is indicative of the importance of this effort and the dedication of so many organizations to the cause.

Good progress was accomplished in setting an agenda for mov-

ing forward.

Among the topics discussed were the results from a questionnaire, prepared at no cost for NSPS (and the Task Force) by Gavin Schrock and xyHt magazine. More than 2,200 surveyors from across the country responded.

**Davis Bacon Act:** Executive Director Sumner has sent a letter to the Department of Labor suggesting that a recent statement by DoL related to the classification of air balance engineers also "accurately describes the standing and circumstance of a survey crew member", albeit in the performance of a different activity. The letter also requests that DoL issue a revised All Agency Memorandum reflecting this fact.

**National TrigStar Competition continues to thrive, as do Map/Plat competition and Journalism competition:** The 2016 national TrigStar competition will have at least 38 state winners competing. The number of national competitors has remained relatively the same for a few years. The TrigStar Committee continues to work for broader participation among the state societies.

It is believed that the fairly recently initiated \$5,000 scholarship, which is available to any graduating student who has competed in TrigStar at any level, at any time during their high school years, has served as an incentive.

The 2016 NSPS Map/Plat competition is in the process of being judged. This year there are 43 total entries among the five categories.

Similarly, the NSPS Journalism competition among the respective state societies continues to draw participation with eight state societies presenting entries in the four categories. ❖

## Michael Burrell Joins Stantec ME Team

Michael Burrell, PE, has joined Stantec's mechanical engineering team in its Anchorage office. He has more than a dozen years of in-state industry experience.

Burrell's experience includes design and construction support throughout Alaska, primarily focused on oil and gas production and transportation. As a piping/mechanical engineer, his work has included the design of facility modules, pipelines, well tie-ins, fire hydrants and diesel fuel valve stations.

"Michael adds a unique set of experience to our mechanical team," said Becca Carroll, PE, Stantec mechanical engineering manager in Anchorage. "We are excited about what Michael offers to our Alaska-based Stantec offices."

At Stantec, Burrell will be expanding his experience into building mechanical systems design, while also serving as a local presence for oil and gas projects.

Burrell is a graduate of the University of Alaska Fairbanks, with bachelor's degrees in both mechanical and electrical engineering. He is

a member of the American Society of Mechanical Engineers (ASME).

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## Alaska Professional Design Council Calendar

### Tuesday, July 12, 2016

ACEC Board, 4:00 p.m., PDC, Inc., Anchorage (2nd Tues)

### Wednesday, July 13, 2016

ASCE Juneau Branch and ASPE Juneau Chapter jointly hold membership meetings at Noon at the AEL&P 2nd Floor Conference Room from September through June (2<sup>nd</sup> Wed)

ASLA Alaska Board, 12:10 p.m. in the URS 3<sup>rd</sup> floor conference room (2<sup>nd</sup> Wed)

ITE Alaska Fairbanks Chapter, Noon, DOT McKinley Building (2<sup>nd</sup> Wed except June, July & August)

SEAAK Noon, BP Energy Center, Regular meeting, program TBD (every other month, usually 2<sup>nd</sup> Wed)

### Thursday, July 14, 2016

ASPE Anchorage, Noon, BP Energy Center (2<sup>nd</sup> Thurs)

### Tuesday, July 19, 2016

ASCE Anchorage, Noon, Moose Lodge on Arctic Blvd. (3rd Tues)

ASPLS Anchorage, 5:30pm at Lone Star (3<sup>rd</sup> Tues with even months at Noon at the BP Energy Center and odd months at 5:30pm at Lone Star)

### Wednesday, July 20, 2016

ASCE Mat-Su Branch, Noon at the Mat-Su College (Mile 2 Trunk Road) in Room FSM 206 (3rd Wed)

ASCE Fairbanks, Noon, WestMark (3rd Wed)

Deadline for the August issue of *Alaska Designs* (20<sup>th</sup> of each month, or Monday)

### Tuesday, July 26, 2016

ASPLS Fairbanks, Noon, WestMark Hotel (4th Tues)

### Wednesday, July 27, 2016

ASPLS Valley, Noon, Windbreak, Wasilla (last Wed)



### Monday, August 1, 2016

ASPE Fairbanks, Noon, WestMark Hotel (1st Mon)

### Thursday, August 4, 2016

ASPE Anchorage Directors, 7 a.m., McDonald's, 800 W Northern Lights Blvd. (1st Thurs)

APDC, Noon, Atwood Building 6<sup>th</sup> Floor, Anchorage (1st Thurs)

### Tuesday, August 9, 2016

ACEC Board, 4:00 p.m., PDC, Inc., Anchorage (2nd Tues)

### Wednesday, August 10, 2016

ASCE Juneau Branch and ASPE Juneau Chapter jointly hold membership meetings at Noon at the AEL&P 2nd Floor Conference Room from September through June (2<sup>nd</sup> Wed)

ASLA Alaska Board, 12:10 p.m. in the URS 3<sup>rd</sup> floor conference room (2<sup>nd</sup> Wed)

### Thursday, August 11, 2016

ASPE Anchorage, Noon, BP Energy Center (2<sup>nd</sup> Thurs)

### Tuesday, August 16, 2016

ASCE Anchorage, Noon, Moose Lodge on Arctic Blvd. (3rd Tues)

ASPLS Anchorage, Noon, BP Energy Center (3<sup>rd</sup> Tues with even months at Noon at the BP Energy Center and odd months at 5:30pm at Lone Star)

### Wednesday, August 17, 2016

ASCE Fairbanks, Noon, WestMark (3rd Wed)

ASCE Mat-Su Branch, Noon at the Mat-Su College (Mile 2 Trunk Road) in Room FSM 206 (3rd Wed)

### Monday, August 22, 2016

Deadline for the September issue of *Alaska Designs* (20<sup>th</sup> of each month, or Monday)

### Tuesday, August 23, 2016

ASPLS Fairbanks, Noon, WestMark Hotel (4th Tues)

### Wednesday, August 31, 2016

ASPLS Valley, Noon, Windbreak, Wasilla (last Wed)



Send calendar notices/updates by the 20th of each month to Vicky Sterling, [sterlingtouch@pci.net](mailto:sterlingtouch@pci.net).

## When and Where

Always check locally to confirm meeting times and locations. Some organizations suspend or re-schedule meetings in summer months. The newsletter publication calendar generally does not allow time to include holiday and last-minute schedule changes.



*Alaska Designs* welcomes articles and letters on subjects of interest to design professionals. The deadline is the 20th of each month for the following month's issue. Items may be edited for length or content and will be published as space is available.

Submit items to the editor, Vicky Sterling, via email at [sterlingtouch@pci.net](mailto:sterlingtouch@pci.net) and expect confirmation of receipt.