President's Corner

Greetings Portland Post Team!

Many thanks to Hod Wells with BergerABAM for their very engaging overview of the Grant Pier construction on the Vancouver Waterfront project at our December 5th luncheon. We appreciated their great presentation about a challenging local project. We also appreciate David Renard from Sprung Structure (and a San Francisco Post young member rep!) presenting a spotlight on their Oregon Harbor of Hope navigation center (homeless shelter) project for downtown Portland.

As we go into the busy holiday season and celebrate the arrival of 2019, I hope you'll all put a placeholder on your calendar for our January 2nd luncheon as well. We'll be hearing about the Marquam Bridge Substation from the Black and Veatch and Portland General Electric team, a very innovative and challenging construction project. As a reminder, don't forget about our Engineer Week in February--please reach out if you are interested in volunteering.

Thanks for all who attended our December luncheon and for all you do to support our Post. Have a wonderful holiday season and we look forward to seeing you all again on January 2nd.

Essayons!

John D. Cunningham, P.E., PMP
Lieutenant Colonel, U.S. Army
President, SAME Portland Post

Next Post Event – SAME Luncheon Presentation on the Marquam Bridge Substation

Date: Wednesday, Jan 2, 2018
Time: 11:30 AM to 1:00 PM
Cost: Retired Members ($25.00) Public Agency Members ($25.00) Private Consultant-Sustaining Member ($30.00) Non-Member ($35.00) PREPAYMENT RQD
Location: Sentinel Hotel, 614 S.W. 11th Avenue, 2nd floor
Event: Scott Stocker (Portland General Electric) with Brenton Smith & Ian Grant (Black and Veatch)
RSVP By: Dec 26, 2018 at SAME.PDX.RSVP@gmail.com, or call 503-643-8710 to confirm and prepay with credit card. Do Not respond to this email. To ensure your RSVP is received, please use: same.pdx.rsvp@gmail.com
**The Marquam Bridge Substation**

Guest Speaker: Mr. Scott Stocker (Portland General Electric) with Brenton Smith & Ian Grant (Black and Veatch)

**Abstract**

In 2007, Portland General Electric began planning to replace an 80-year-old substation and nearly 1.5 miles (2.4 km) of aging 15-kV submarine distribution cables to ensure both downtown Portland, Oregon, U.S., and the city's South Waterfront District have an adequate supply of reliable power to support the area's growth and development. Today, 11 years later, the $100 million Marquam project is nearing completion.

**Speaker Bios:**
Scott Stocker is a principal engineer at Portland General Electric and was the project engineer for the Marquam transmission project. Stocker has more than nine years of experience in transmission and distribution design. He is a registered professional engineer with a BSME degree from Oregon State University.

Brenton Smith (Black & Veatch)
Brenton Smith is a senior project engineer at Black & Veatch and was responsible for the electrical substation design. Smith has more than seven years of experience in substation design. He is a registered professional engineer in California and Oregon, with a BSEE degree from the University of Wisconsin-Madison and an MSEE degree from the University of Washington.

Ian Grant (Black & Veatch)
Ian Grant is a senior project engineer at Black & Veatch and was responsible for civil design on the underground project. Grant has more than 14 years of experience in underground transmission and substation civil projects. He is a registered professional engineer with a BSCE degree from the University of Portland.

**Portland SAME Program Review**

**Post Presentations Coming in 2019:**

- *Oregon Manufacturing Innovation Center – Craig Campbell (Executive Director)*
- *Engineering Week*
- *Failure Analysis – Lowe Consulting*
- *Grid modernization and Energy Markets – USACE/BPA*
- *Hood River Spillway Irrigation District*
- *Rattlesnake Ridge – Hammond Engineering*

**“SAVE THE DATE” Engineering Day is coming Feb 21, 2019!**

Please save Feb 21, 2019 as our next Engineering day, the post will be looking for volunteers and sponsors to support this important annual event, this year’s event will be held at the USACE Downtown location, Block 300, 3rd Floor.

Please contact Heidi Nelson at heidi_nelson@hotmail.com
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