Next Meeting Presentation

Wednesday, March 27th, 2019

Smith Avenue High Bridge Project
ASCE Joint Meeting

Dale Gade, Area Engineer, Metro Division of MnDOT

Speaker Biography:

Dale Gade is an Area Engineer for the Metro Division of the Minnesota Department of Transportation. He has served in that position for 5 years. Previous to that, he was a Design Engineer for both MnDOT and Scott County. He served as the Design and Construction Manager for MnDOT on TH 13/101 Design Build Project in Savage, Minnesota. Dale also was the project manager for the TH35E MnPASS Extension project which was delivered in 19 months with a full Environmental Assessment and Right of Way process. In his current role he oversees projects in Ramsey County for MnDOT as well as coordination with local municipalities regarding MnDOT’s objectives and mission. Dale has a master’s degree from the University of Minnesota and is a dual national of Panama and the United States.

Presentation Synopsis:

The Smith Avenue High Bridge is a major entry-way into downtown St. Paul that crosses over the Mississippi River. The original bridge at this location was opened in 1889. The bridge that is standing at this location today was constructed in 1987. In need of a new deck, the bridge was closed in 2017 for a period of 15 months. Bridge repairs were completed and the bridge was reopened this past December. Dale Gade will discuss the High Bridge project in St. Paul including the contracting methods, public engagement, and environmental concerns.

Meeting Location and Details:

Grumpys Bar and Grill: 2801 Snelling Ave, Roseville, MN
11:30 AM - 12:30 PM: Networking and optional lunch (burger buffet with beverage)
12:30 PM - 1:30 PM: Technical presentation

Please RSVP by no later than Wednesday, March 20th, 2019 with your intent to either partake in the optional $23 lunch or for the presentation only.

To RSVP please use the following Eventbrite link: https://www.eventbrite.com/e/march-2019-professional-development-meeting-joint-meeting-with-asce-mn-tickets-58400286830

Have an idea for future meeting topics or tours?

Please contact Matt Redington with your ideas at matthew.redington@hdrinc.com or 763-591-5487!
February Meeting Highlights

The St. Paul Post met in February over lunch at Grumpy’s in Roseville, MN. Our speaker for the event was Colonel Sam Calkins, the Commander of the USACE St. Paul District. Colonel Calkins provided an overview of the origin of the District, described the District’s current missions and objectives, and highlighted projects of interest.

The St Paul District was first established in 1866. Missions for the District have evolved over time but now include navigation, flood risk reduction, emergency operations, environmental restoration and stewardship, recreation, regulatory permits, support to the U.S. Army, and support to international organizations. To accomplish these missions the USACE is investing in people to build capabilities, investing in relations to build the local program, and investing in quality to further build their reputation.

The USACE is focusing on three mission-critical objectives: 1) Accelerating project delivery, 2) transforming project financing and budgeting, and 3) improving permitting and regulation reform. Accelerated project delivery is being accomplished through improved project delivery strategies, improved acquisition processes and tools, use of risk-informed decision-making and delegating decisions, and innovation. Project financing and budgeting is being transformed through use of alternative financing tools (such as WIFIA loans or P3), increased Civil Works budgeting, and funding flexibilities. Permitting and regulation reform is being improved through faster more efficient environmental reviews and permitting, and changes to regulations.

Colonel Calkins described some of the current large projects for the District which include Fargo-Moorhead Flood Risk Management, Souris Basin Flood Risk Management, Marsh Lake Ecosystem Restoration, and various lock and dam projects. Additionally, the St Paul District is providing support to other projects such as the Reach 4 flood protection project in Cedar Rapids, Iowa, the White Bayou Drop Structure Project on the Comite River in Louisiana, a floodwall project in Helena, Arkansas, a general reevaluation report in New Orleans, Louisiana, and a feasibility study on the South Central Coast of Louisiana. The District is also providing design and construction management services to the Veterans Health Administration.

Thank you Colonel Calkins, for joining us for lunch at our monthly post gathering!

SAME-MSP Members Recognized at MFESTS Awards Banquet

Erin Krug was nominated by our Post and selected as a co-winner for the Young Engineer of the Year by the Minnesota Federation of Engineering, Science, and Technology Societies (MFESTS) on February 23, 2018, at the annual E-Week Awards Banquet and Celebration. Terry Zien was nominated as the SAME MSP Post Distinguished Engineer of the Year and recognized at the E-Week banquet as well. Congratulations to Erin and Terry!

Small Business Corner

Mark your calendar for the 20th Annual SAD-BOC small business conference on April 18th at the Earle Brown Heritage Center from 9 am to 3 pm!

Vendor booths and lectures continue to give many small businesses, government, and large businesses the chance to discuss upcoming opportunities and ways to better connect to do business. Small businesses have the opportunity to be matched with a government or corporate buyer interested in their services as part of the matchmaking session that has been a hit for the last several years.
SAME-MSP Post 2019 Scholarship Announcement

The 2019 Scholarship Application Forms are now available on the Grants & Scholarships tab of the SAME-MSP website, as well as via the links below. If you know someone who is deserving of a scholarship, please urge the young person to apply for one the Post’s scholarships. The SAME Minneapolis-Saint Paul Post will be granting three scholarships:

- two (2) one-time $1,500.00 scholarships
- one (1) $1,500.00 multi-year scholarship ($6,000.00 max)

The deadline for submitting scholarship applications is Friday, April 5th, 2019.

Applicants are rated in a number of areas including academics, school activities, and community activities. High school seniors and Post-secondary students are eligible if they are either:

- Children, grandchildren, or siblings of members of the Minneapolis-Saint Paul Post. Sponsoring members must be a SAME Minneapolis-Saint Paul Post member for the current year and have been a member of the Post for a minimum of at least one year prior to the current year.
- Student Members of the SAME Minneapolis-Saint Paul Post who will be registered as full-time post-secondary students in the fall of the year of selection. Applicants under this category must be registered through SAME as a Student Member; student memberships are free for full-time undergraduates at an accredited college or university, or high school students.

Applicants must be registered as full-time post-secondary students in the fall of the year of selection and be majoring in an accredited engineering, science, math, or technology-related field and/or disciplines that will specifically support these fields of study.

A committee of Post members will evaluate the applications. All applications are kept confidential, and only the winners are announced. For additional information, please contact Erin Krug at Erin.E.Krug@usace.army.mil or 651.290.5576. Scholarship Application Packages can be downloaded from the Post’s website at http://same-msp.org/grants-and-scholarships/

SAME-MSP 2019 Education Grants

The SAME-MSP Chapter is offering educational grants for up to $3,000.00 for elementary and secondary schools for the upcoming 2019-2020 school year for schools within a 100-mile radius of Saint Paul, Minnesota. One fundamental goal of SAME is “To promote an understanding of, and appreciation for, the engineering related disciplines and to help the young people in our communities be better prepared to become our future engineers.” The Chapter is requesting applications from schools and classroom teachers who are committed to supporting the math and sciences that support future engineering-related career opportunities. We are encouraging all grade levels to participate.

Applications for these grants will be reviewed on the following criteria:

- Creativity and quality of proposed project
- Demonstrated demand or need for the project
- Support of the Minnesota or Wisconsin math and/or science academic standards

The application form is posted on the SAME website at http://same-msp.org/grants-and-scholarships/, and applications are due April 5th, 2019. Elementary and secondary teachers / schools that are promoting the math and sciences within the 100-mile radius are encouraged to apply. For a listing of the historical grants awarded, please go to http://same-msp.org/grants-and-scholarships/

SAME Engineering & Construction Camps

Applications for SAME Engineering and Construction Camps are due by March 15th, 2019—please see attached flyer for more information!
2019 US Army Corps of Engineers Rock Island District Industry Day

SAME-MSP Post members Paul Dierking, Mark Angelo, and Sherry Van Duyn attended the 2019 US Army Corps of Engineers Rock Island District Industry Day that included a social event the evening of February 27th and a half day of presentations followed by 14 small roundtable discussions on February 28th. The roundtables included Corps leaders that both small and large businesses could sign up for and ask questions about doing business with them. Representatives from the St. Louis and Memphis Districts also attended and hosted roundtables. Both events were well attended and sold out.

Marv Fisher, SAME National President spoke on changes to the SAME Strategic Plan emphasizing the Industry-Government Engagement. Tom Heinold, US Army Corps Rock Island District Operations Chief and other Corps leaders spoke about their programs and upcoming work. For small business questions for Rock Island District, talk to Beth White, their new Small Business Deputy at 309-794-5205 or Elizabeth.m.white@usace.army.mil. This is a not-to-miss event for next year!

SAME-MSP Habitat for Humanity Event

Thank you to all of the volunteers who donated their Saturday on February 23rd for the SAME-MSP Annual Habitat for Humanity Event!

SAME-MSP members, co-workers, and friends came together to complete finishing touches on a house in Minneapolis including painting and trim work!

Sustaining Member Presentations at Future SAME-MSP Post Meetings

The SAME-MSP Post is looking for our sustaining members to give a brief five minute presentation about your company prior to the monthly presentations. This is a great networking opportunity to tell others about your company’s services, small business information, etc. Please email Sherry Van Duyn at svanduyn@landmarkenv.com or Dave Ausdemore at dave@hssciences.com if you would like to present.
Applications are open for the
2019 Engineering & Construction Camps

SAME Engineering & Construction camps provide a rigorous experience for high school students interested in exploring STEM skills and careers. Campers gain a sense of what it takes to become a STEM professional and what options exist to explore that interest from high school to college and beyond.

Each camp has a unique curriculum that features hands-on activities conducted in a competitive environment that promotes:

- Teamwork
- Leadership
- Project Management
- Problem Solving

**US Army Engineering & Construction Camp**
Vicksburg, MS
June 9-15, 2019
Cost: $100

**US Air Force Academy Engineering & Construction Camp**
Colorado Springs, CO
June 26-July 2, 2019
Cost: $600

**US Air Force Engineering & Construction Camp**
Scott Air Force Base, IL
July 15-20, 2019
Cost: $600

**US Marine Corps Engineering and Construction Camp**
Camp Lejeune, Jacksonville, NC
June 23-30, 2019
Cost: $600

**US Navy STEM Engineering and Construction Camp**
Port Hueneme, CA
June 23-29, 2019
Cost: $600

**Deadline to Apply**
March 15, 2019

**Who May Apply?**
At a minimum, students must meet the following criteria:
- Be a U.S. citizen.
- Be at least 15 years old
- Completed freshman year by the time he/she departs for camp.

For More Information
Visit: [https://wwwSAME.org/STEMCamps](https://wwwSAME.org/STEMCamps). Or contact Eddie Gonzalez, Program Manager, at egonzalez@SAME.org.

**We hope you will join us for a life-changing experience.**
**Click here to learn more about our 2019 Camp Season.**