

WHAT'S INSIDE:

- 02 MSP Classified
- 03 President's Update
- 03 Welcome New Members
- 04 Congratulations Rick Femrite!
- 04 SAME Day and Centennial Celebration
- 05 Centennial Celebration Update
- 06 Sustaining Firm of the Month:
Terracon
- 07 Job Notices
- 07 Small Business Corner

SAME-MSP BOARD MEMBERS:

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Mortenson Construction

Vice President

Lindsey Roberts McKenzie
SEH

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Erin Krug
U.S. Army Corps of Engineers

Secretary

Dan Kvasnicka
HDR

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U.S. Army Corps of Engineers

Past President

Paul Dierking
HDR

Directors

Dave Ausdemore
 Ann Banitt
 Matt Redington
 Katy Thompson

VIRTUAL CONFERENCE: 08.19.2019

COLLAPSE OF THE INNOVATIVE FIU PEDESTRIAN BRIDGE

1.0 PDH

Scott Snelling, PE | U.S. Army Corps of Engineers, St. Paul District

The University City Prosperity Pedestrian Bridge collapsed during construction killing six people and injuring ten people on March 15, 2018. The selection criteria for this design-build project were weighted heavily towards innovation. Innovative aspects of the project include:

- ★ Unique, complex structure type: post-tensioned concrete truss with faux cable-stays.
- ★ Accelerated bridge construction using a self-propelled modular transporter.
- ★ Self-cleaning titanium dioxide concrete.

The superstructure design and engineering were accomplished on a budget of \$103,000, or approximately 10 hours per drawing; significantly less than industry norms. This presentation will provide a case-study of the risks to simultaneously pursuing multiple innovations on a tight budget and schedule.



Speaker Biography:

Scott Snelling, PE is a mechanical and structural engineer with nineteen years' experience in the design, inspection, and construction management of heavy civil works. Scott has served as the Engineer of Record and Technical Lead for the new design and rehabilitation of numerous movable structures, including movable bridges, cranes, stadium roofs, and railroad turntables.

Details: Wednesday, August 19, 2020 at 11:30am-1:00pm

Cost: SAME Members: \$20, Non-Members: \$25

Location: ONLINE (details to be provided in advance of the webinar by host)

RSVP: <https://www.same.org/Get-Connected/Find-a-Post/MPLS-STPL/News-Updates/Monthly-Meeting>

RECRUITING 2020-2021 VOLUNTEERS!!

Have you enjoyed participating at SAME-MSP events, but are looking to further invest yourself in the organization?

Maybe you are looking to broaden your professional network?

Or gain some invaluable leadership skills?

If so, please consider volunteering for a role within the SAME-MSP Post for 2020-2021. Below are the open opportunities:

- ★ **Chair of Continuing Professional Competency Committee**
- ★ **Chair of Records and Archiving**

If you have any questions or if you are interested in a position, please feel free to reach out to:

[Jane Flewellen](#), current SAME-MSP President, or

[Lindsey Roberts McKenzie](#), current SAME-MSP Vice President.

We would love for you to join and share your time and talent!

[same.org/mpls-stpl](https://www.same.org/mpls-stpl)

Connect with us!



<https://www.facebook.com/SAMEMSP/>



<https://www.linkedin.com/company/same-msp-post/>

SAME-MSP CLASSIFIED

Mark your calendars, despite the pandemic, there are still some upcoming opportunities to get involved with the Minneapolis-Saint Paul SAME Post!

SPEAKERS NEEDED!

The SAME MSP Post is looking for engaging speakers with interesting projects/topics to present at our upcoming meetings! To protect the well-being of our members and guests, we are planning to host our monthly professional development meetings virtually through the end of 2020. So if you are comfortable with presenting on a virtual platform, please reach out to Director Matt Redington at matthew.redington@hdrinc.com. A short synopsis of the topic and bio(s) of the speaker(s) would also be helpful to include in your email. SAME-MSP will provide you with the virtual platform and technical behind-the-scenes support, so all you need to worry about is your presentation!

2020 SALT SYMPOSIUM: AUGUST 4-5, 2020

Salt Symposium shapes the chloride conversation, presenting developments in salt use optimization for people and the environment. Presentations on Day 1 will focus on chloride use in water softening, fertilizer, and dust suppressants. Day 2 will be all about the latest developments in chloride reducing approaches for winter maintenance. Keynote addresses and award presentations will be given both days.

For more information please visit: <https://fortinconsulting.com/salt-symposium/>

2020 MINNESOTA WATER RESOURCES CONFERENCE

The Minnesota Water Resources Conference will be a virtual format this year! Please visit <https://ccaps.umn.edu/minnesota-water-resources-conference> to stay up to date with any changes and register for your spot at the 2020 virtual conference. The revised registration rates are as follows, however please confirm on the website:

- ★ Registration before 9/30/20: \$85
- ★ Registration after 9/30/20: \$115
- ★ Speaker Registration: \$85
- ★ Student Registration before 9/30/20: \$25
- ★ Student Registration after 9/30/20: \$50
- ★ Vendor Registration: \$300

HAVE AN INTERESTING PROJECT OR NEWS TO SHARE?

Consider writing an article for our newsletter! If you have any ideas or suggestions for the newsletter please reach out to Katy Thompson at katy@youngecg.com

PRESIDENT'S UPDATE

I am amazed that it is already August. The summer is moving too quickly as usual and I hope that you have been able to enjoy it. I also hope that some of you were able to join SAME at the **Virtual Facilities Management Workshop** that was held in late July and that it was very informative.

This next month, we have another wonderful virtual opportunity lined up. **Scott Snelling** is going to present on the collapse of the **Innovative FIU Pedestrian Bridge**. I am really excited to hear what he has to say about the case-study and the learning opportunity that it provided for our industry. I hope that all of you are able to join us virtually.

Another exciting announcement, the SAME-MSP leadership will be transitioning this month and the executive board is welcoming two new individuals. **David Johnson** (AECOM) will be joining the board as Vice President and **Allen Witt** (Terracon) will be taking on the role for Director of Resiliency. We are very grateful for their participation and are excited to have their leadership on our executive board. **Please join us in congratulating David and Allen on their new roles!**

As a part of this transition, **Lindsey Roberts McKenzie** will be the new 2020-2021 President. We are extremely lucky to have her in this role. A couple of years ago, Lindsey was awarded the MFEST Young Engineer Award for her outstanding achievements to this industry and continues to serve in leading roles on executive boards, including for the Society of American Military Engineers and the Society of Women Engineers (SWE). **Please join me in congratulating Lindsey as our new President!**

I also wanted to take a moment to recognize all of our board members and committee members who are currently volunteering and are willing to continue volunteering throughout 2020-2021. These individuals have done a fantastic job serving this society and have made this year another great year for the SAME-MSP post. Thank you for your time and effort, SAME would not be the same without you.

Jane Flewellen
SAME-MSP Post President
Direct: 763.287.3464
Email: jane.flewellen@mortenson.com

WELCOME NEW MEMBERS!

The following individuals have joined the SAME-MSP Post this month – thank you for joining us and welcome to the Minneapolis-Saint Paul Post!

- ★ **Garret Litteken, Hanson Professional Services, Inc.**



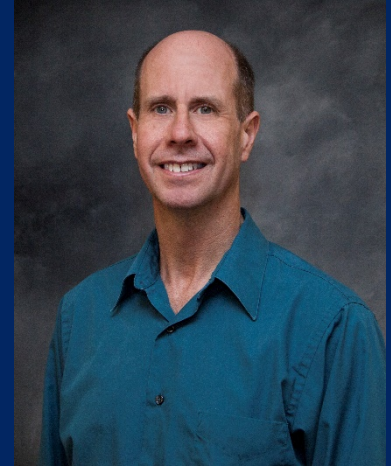
Longtime MSP Post Leader, Rick Femrite,

Retires from

US Army Corps of Engineers



A hearty congratulations to **Rick Femrite** as he retires from the US Army Corps of Engineers after 35 years of service! Rick was instrumental in carving the path and direction for the SAME-MSP Post through many years of leadership positions on the MSP Post Board, including Secretary (1993-1999), Treasurer (2000-2009), Chair of Investment Committee, Director (2009-2011), Vice President (2011-2012) and President (2012-2013) and Past President (2013-2014).



Rick began his career in the USACE Civil/Site Section and was one of the pioneers in the use of CAD technology for site design work and development of construction documents in the St. Paul District. Rick shifted his professional focus to Cost Engineering and Specifications and has become a Tri-Services certified cost engineer. Rick has been mobilized on numerous occasions as a sub-area engineer for flood emergencies in the Red River of the North basin and as a member of the St. Paul District's Temporary Housing PRT.

During Rick's tenure as SAME Post President, Rick provided outstanding leadership to the Post, including supporting the startup of a new Student Chapter at the University of St. Thomas. As the Post Treasurer and Post's Investment Committee Rick put together successful investment plans for the Operating Account and for the Education and Mentoring Account which resulted in significant gains in the Post's funds. Thanks to Rick's planning and investment recommendations, the Post's assets have allowed the Minneapolis-St. Paul Post to fund a number of programs benefiting students, Post members, and the local community. Rick also served as Treasurer for the SAME 2002 Regional Conference in St Paul and Co-Treasurer for the 2008 National Conference in Minneapolis. Both conferences were highly successful events that provided significant rewards to the Post by building social connections, providing great education opportunities, and generating monetary benefits that help fund scholarships, education grants and other support for the Post.

Rick received several awards for his dedicated service and professionalism at the Corps and through SAME:

- ★ SAME Regional Vice President's Medal (2008 and 2013) for his dedicated service to SAME
- ★ Superior Civilian Service Medal for exceptional achievement as a Design Engineer and Regional Liaison for the Hurricane Protection Office in the execution of the Hurricane and Storm Damage Risk Reduction System mission in New Orleans.
- ★ Achievement Medal for Civilian Service (2005) for meritorious achievement while serving on the Temporary Public Structures Mission in support of Task Force Hope, Mississippi following Hurricane Katrina.
- ★ SAME Ralph A. Tudor Medal (1997)
- ★ SAME-MSP Young Engineer of the Year (1998)

Rick, we thank you for your service to the Nation and to the SAME Post! We wish you well in your new adventures in retirement and look forward to your continued participation and support of the SAME organization!

2020 SAME DAY AND CENTENNIAL CELEBRATION

Due to current sentiment regarding the risk of exposure to COVID-19, the Centennial task force planning committee has decided to postpone the Centennial Celebration until April/May 2021. The good news is that we can celebrate both, the SAME National Centennial as well as the SAME Minneapolis-St. Paul Post Centennial during this event. The board is hoping that by moving the date out, it will help alleviate the concern that many members may have over attending a group event at this time and allow for a larger celebration during the spring of next year. We will continue to provide more information in the upcoming newsletters and hope that you will all join us to celebrate next year.



If you are interested in presenting on a topic of interest, becoming a sponsor for the event, or becoming involved in the effort, please feel free to reach out to [Peter Allen](#) for additional information.

MONTHLY CENTENNIAL CELEBRATION UPDATE

SAME has a long, rich history dating back to its inception in 1920 because of the partnerships formed between private and public engineering professionals during World War I. Sixteen Posts around the county were formed that first year, and one year later, the Minneapolis-St. Paul (MSP) Post was formed in 1921. One hundred years later, SAME has a membership of nearly 30,000 professionals representing military, state, local, federal agencies, nonprofits associations, academic institutions, and private sector firms.

To recognize the 100-year history and accomplishments of SAME and the MSP Post, the MSP Post will be featuring monthly stories that highlight our past. These articles will cover many of the achievements of our Post including:

- ★ Providing **Scholarships** to college students in STEM programs.
- ★ Allowing K-12 students to engage STEM opportunities by providing **Educations Grants**.
- ★ Supporting **Veterans**.
- ★ Continuing the partnership between **public and private sectors**.
- ★ Recognizing our Post's **Fellows** and regional and national SAME **Award** winners.
- ★ Supporting the value of **Volunteering** through several annual opportunities.
- ★ Hosting regional and national **Conferences**.

These are only some of the many ways the SAME and the MSP Post have been able to support and give back to our community. We are proud of our accomplishments and looking forward to sharing them with you through May 2021, the official end of SAME's Centennial Celebration. Look for these articles in future newsletters and on the Post Website, LinkedIn, and Facebook.

SUSTAINING MEMBER OF THE MONTH: TERRACON

Terracon has been providing engineering consulting services in Minnesota since 1988 when it opened its first office in White Bear Lake. Our Minnesota offices in St. Paul and Minneapolis offer a full range of engineering consulting services for customers throughout Minnesota.

Our teams provide environmental, facilities, geotechnical, and materials services to a wide range of clients in the commercial, industrial, state, and local government markets. Combining our expertise in engineering and science enables us to safely investigate and analyze sites and determine their present conditions and recommend future suitability. We employ more than 65 professionals including engineers, geologists, scientists, engineering technicians, and administrative support staff ready to meet your project needs.

We have drill rigs and a fully equipped, American Association of State Highway and Transportation Officials (AASHTO) and U.S. Army Corps of Engineers (USACE) certified laboratory.



- ★ Environmental Services
- ★ Brownfields Redevelopment
- ★ Environmental Non-Compliance Investigations
- ★ Hazardous Materials Assessment
- ★ Indoor Air Quality
- ★ Storm Water Monitoring
- ★ Facilities Services
- ★ Building Enclosure Consulting
- ★ Building Commissioning
- ★ Energy Audits and Consulting
- ★ Forensic Diagnostic Investigation
- ★ Property Condition Assessment (PCA)
- ★ Geotechnical Services
- ★ Foundation Design
- ★ Soil Condition Assessment
- ★ Vibration Monitoring
- ★ Instrumentation
- ★ Construction Monitoring and Support
- ★ Materials Services
- ★ Construction Administration
- ★ Construction Monitoring
- ★ Material Inspections
- ★ Materials Selection Consulting
- ★ Construction Materials Testing

For more information, please contact:



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Terracon

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JOB NOTICES

U.S. Army Corps of Engineers, St. Paul District is seeking a Senior Structural engineer to resolve complicated engineering problems and make decisions on the design, analysis, and evaluation of project features. These projects support inland navigation, flood risk management, environmental restoration, and emergency response to disasters. For more information and to apply, go to <https://www.usajobs.gov/GetJob/ViewDetails/547524600>. Please contact Mike Dahlquist with any questions at michael.s.dahlquist@usace.army.mil or at (651) 290-5571.

THANK YOU!

Thank you to all our Sustaining Firms – SAME-MSP appreciates your support and wants to make sure all our members are aware of it, too!

- ★ AECOM
- ★ AMEC Foster Wheeler
- ★ Anderson Engineering of MN
- ★ Ayres Associates
- ★ Barr Engineering
- ★ Bergmann Associates
- ★ Burns & McDonnell
- ★ Cardno Inc.
- ★ CH2M Hill
- ★ Eaton Corporation
- ★ EMR Inc.
- ★ Hammel Green and Abrahamson
- ★ Hanson Professional Services
- ★ HDR Engineering
- ★ HNTB Corporation
- ★ Jacobs
- ★ Landmark Environmental
- ★ Mortenson Construction
- ★ Parsons
- ★ Quantum Spatial
- ★ Rani Engineering
- ★ RSP Architects
- ★ SEH
- ★ Stanley Consultants
- ★ Stantec
- ★ Weston Solutions

Did you know that as part of your sustaining membership we encourage you to talk about yourselves to our members?

Please email Sherry Van Duyn at svanduyn@landmarkenv.com, Dave Ausdemore at dave@hsscience.com, or Katy Thompson at katy@youngecg.com if you would like more information on how to get involved!

SMALL BUSINESS CORNER

Join us for our monthly meeting of the **SAME Small Business Community of Interest's Steering Committee** every 4th Friday of the month at 12:30 PM ET.

Next Small Business Community of Interest (COI) Monthly Meeting:
Friday, August 26, 2020 12:30 PM ET

Education opportunities are also available, including the following

- ★ **The Women-Owned Small Business Federal Contracting Program**
August 6, 2020 at 2pm ET

To register and get more details on the above events, please visit <https://www.same.org/Small-Business-Community>

