



POST NOTES

The Society of American Military Engineers

Rock Island Post

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July Meeting: Hydrodynamic Modeling for the Minnesota River Crossing Feasibility Study

In the Minnesota River valley, Highways 41 and 101 are important transportation arteries, with an average daily traffic of 12,500 and 20,400 vehicles, respectively. They also are vulnerable to frequent flooding, which threatens human safety and is very disruptive to communities that depend on the roads for their livelihood. S.E.H. Inc. and W.F. Baird & Associates Ltd. were retained by The Minnesota Department of Transportation to develop a two-dimensional hydrodynamic model of the Minnesota River. The software package used in this study is the depth-averaged Flow and Sediment Transport Model (FST2DH). This presentation will summarize the results of a feasibility analysis to investigate possible bridge and highway alternatives that may reduce the frequency and duration of flooding related road closures on Highways 41 and 101.

Ms. Rozumalski has more than eight years of water resources engineering and geotechnical experience. Her areas of expertise include stormwater and CSO analytical and management practices as well as fluvial geomorphology and riverine processes. Her skills include hydrologic and hydraulic modeling, GIS analysis, and stormwater BMP design. She has participated in various watershed studies and water quality assessments throughout the Great Lakes region. She received her education at the University of Wisconsin and earned a Master’s degree in Civil and Environmental Engineering, a Master’s degree in Water Resource Management, and a Bachelor’s degree in Geology and Geophysics.

- MEETING DATE:** Thursday, 2012 July 12
- LOCATION:** Quad City Botanical Center 2525 4th Avenue
Rock Island, IL 61201
- AGENDA:** 1100-1130 Board Meeting
1130-1200 Networking Period
1200-1330 Business Brief, Lunch, and Speaker
- MENU:** Roast Beef in Light Demi Glaze
Whole Kernel Corn
Whipped Potatoes
Assorted Salads, Dinner Roll, and Beverage
- COST:** \$10 for Public Sector and Retirees, Per Person
\$15 for Private Sector, Per Person
All are Payable at the Door
- RESERVATIONS:** Please register by COB **Tuesday, July 10, 2012** at:
<http://posts.same.org/rockisland/registration.htm>
As an alternate, please email Aaron Heidenreich at
Aaron.L.Heidenreich@usace.army.mil
- BUSINESS BRIEF:** HNTB

Rock Island Post News and Events

University of Iowa Student Chapter Advisor

The Rock Island Post is looking for a student chapter advisor from the Post, or a few dedicated folks who would like to share the role of Chapter Advisor. This is a key role for the Post and is instrumental in helping the student chapter stay viable. If you or your company is interested in presenting at meetings, providing food and beverage sponsorships, or finding out more about the chapter advisor role, please contact Aaron Heidenreich at Aaron.L.Heidenreich@usace.army.mil or 309-794-5315.

2012 XStream Cleanup, August 11, 0830-1130, Sunset Park, Rock Island, IL

Save the date for the XStream Clean-up this year. Living Lands and Waters, Chad Pregracke, sponsors this event and assembles volunteers and sponsors from the area to support this rewarding experience. SAME joins forces with ASCE to clean-up a portion of the Mississippi riverfront and a backwater near Sunset Park (Between 18th Ave and 31st Ave, west of Hwy 92. Gloves and T-Shirts are some of the freebies. For additional information see the website at: <http://www.xstreamcleanup.org/Default.aspx> If you have any questions, please contact Sarah Kowalczyk at Sarah.Kowalczyk@usace.army.mil or 309-794-5812.

2012 15th Annual Scholarship Golf Outing, Friday, August 24 at 8:00 AM, Geneva Country Club in Muscatine, IA

The 15th Annual Scholarship Golf Outing will be 4-person best shot with lunch and a raffle following. In addition to golf, there are many opportunities for sponsorship including event sponsorship, individual hole sponsorship and providing raffle prizes. The golf outing is one of our most enjoyable activities and does a lot to support our scholarship and outreach programs. For more information on participating in this event, please see the golf outing flyer Questions regarding the golf outing should be directed to Heather Day, dayheather@stanleygroup.com.

Rock Island Post to Host 2013 SAME Great Lakes and Ohio Valley Joint Engineer Training Symposium

To bring all up to speed, the 2012 Regional conference will be in August 27-29 in Pittsburgh; and then Rock Island has its opportunity in 2013 to showcase the distinguished SAME post that we are. The conference dates will be Wednesday-Friday, October 16-18, 2013 with Thursday being the main day of the conference. The venue will be the Davenport River Center with lodging at the Radisson Quad City Plaza Hotel and newly renovated award-winning Hotel Blackhawk. These facilities represent a great location for an easily accessible and a cost-effective conference for both the Post and those participating in the event.

Roger Less is serving as the Chairperson of the 2013 conference, if you want to help with the conference, please let Roger know at roger.a.less@usace.army.mil.

Please note, the SAME HQ's staff has recommended that regional conferences be renamed to "SAME Joint Engineer Training Symposiums". Thus, 2012 will be a transition year from regional conferences to engineer training symposiums and our 2013 event will be known as the Great Lakes and Ohio Valley SAME Joint Engineer Training Symposium (JETS).

Rock Island Post 2012 Construction Camp Awards

The Rock Island Post selected three extremely well-qualified students to attend the Engineering and Construction Camps this year. Wade Rollins, a Davenport West High School junior, returned from the

Marine Corps Engineering and Construction Camp on June 23rd, where he had an excellent time with his team placing second in one of the design competitions. Laurel Enstrom, a senior at Rock Island High School, was selected to attend the U.S. Navy Seabees Camp and will be leaving on July 22nd. An announcement was made on Thursday June 28th that the Colorado Springs fires would force the cancellation of the U.S. Air Force Academy Engineering and Construction Camp this year. We are just as disappointed by this news as is our candidate Ryan Leeman, a junior at the Illinois Math & Science Academy. However, we are glad to know that the necessary precautions are being taken to keep our campers safe and our sympathies go out to those that have been affected by these historic fires. In the event that the Air Force Camp is not rescheduled for this year, we have indicated to Ryan that he will remain our candidate for the 2013 Air Force Camp.

2012 SAME Events Calendar

To add events to the calendar, email Dean Cerny at Dean.R.Cerny@usace.army.mil

Date and Time (if available)	Post Event Description	Event Information
Thursday, July 12 11:30 AM	Topic: Hydrodynamic Modeling for the Minnesota River Crossing Feasibility Study Speaker: Laura Rozumalski, Baird and Associates	Dean Cerny Dean.R.Cerny@usace.army.mil Sustaining Member Briefing: HNTB
August 11 8:30-11:30 AM	X-Stream River Clean-up Sunset Park, Rock Island, IL	http://www.xstreamcleanup.org/Default.aspx
August 24	Scholarship Golf Outing Muscatine, IA	Heather Day DayHeather@stanleygroup.com
August 27-29	Great Lakes & Ohio Valley Regional Conference Pittsburgh, PA	Pittsburgh Post http://www.cvent.com/events/ohio-valley-and-great-lakes-joint-engineer-training-symposium/event-summary-f697bfb1cd2d49fd81168f41ca8336f4.aspx
Thursday, September 13 11:30 AM	Topic: New Orleans, West Closure Complex Speakers: Dan Miller and Aaron Heidenreich	Dean Cerny Dean.R.Cerny@usace.army.mil Sustaining Member Briefing: Shive Hattery
October 24	Joint SAME/ASCE Training Conference Davenport, IA	Mike Ryan
Thursday, November 8 11:30 AM	Topic: Stream Restoration Tres Rios River AZ Speaker: HNTB	Dean Cerny Dean.R.Cerny@usace.army.mil Sustaining Member Briefing: Wills Burke Kelsey
Thursday, December 13 11:30 AM	National Security Meeting Topic: Life Cycle of a Contingency Contract – US Military Forces in Bahrain Speaker: Joe Sheridan, KBR	Cory Haberman Cory.J.Haberman@usace.army.mil Sustaining Member Briefing: SEH