



QUAD CITIES SECTION

In This Issue:

**April Joint
ASCE/SAME Meeting**

March Meeting Recap

2013 Report Card

**SAME JETS Fall
Conference**

**ASCE Structural
Congress**

QC ASCE Scholarship

**ASM International
Golf Classic**

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Monthly Meeting: April Joint ASCE/SAME Meeting



The Fargo-Moorhead diversion project: working for the local sponsors in collaboration with the USACE

For decades the cities of Fargo, North Dakota, and Moorhead, Minnesota, have been plagued by flooding from the Red River of the North and its tributaries. As part of a team of consultants hired by the two cities, Barr worked with the USACE St. Paul District to develop and compare solutions to the problem—and provide relief to an area that, in the past 15 years, has experienced 6 of the 10 largest flood events since 1897. Expedited after the flood of record in 2009, the fast-track feasibility study for this large and complex undertaking was completed in just three years. The ultimate goal of the project is construction of a 36-mile-long diversion channel to direct floodwater around the Fargo-Moorhead metropolitan area. This presentation will summarize the main project features, share some lessons learned about the involvement of different stakeholders in defining the project configuration, and provide the perspective of an A/E firm working for the local sponsors in collaboration with the USACE. The presentation will also briefly highlight work on two unique project features: the Maple aqueduct and spillway structures, and the artificially constructed meandering low flow channel.

SPECIFICS:

MEETING DATE: Thursday, 2013 April 11

LOCATION: Quad-City Botanical Center

2525 4th Avenue
Rock Island, IL 61201

AGENDA:

11:30 Social hour

12:00 Presentation begins

COST: \$10 Government employees/retirees, \$15 Non-government employees

MENU: Baked Virginian Ham, Green Bean Almondine, Au Gratin Potatoes, Assorted Salads, Dinner Rolls, and Beverage

RESERVATIONS: Confirm reservations by COB Apr. 9. Click [here](#) to register.

March Meeting Recap:

The event was well attended and a wonderful opportunity too for local civil engineering professionals to engage in a casual setting. A special recognition is in order for section board members Matt Zager (vice-president) and Candice Bark (treasurer) for their diligent work in putting together the event! Click on this link (<http://sections.asce.org/quadcity/trivia.htm>) for trivia from this event.

2013 Report Card for America's Infrastructure



The new ASCE 2013 Report Card for America's Infrastructure is now available at www.infrastructurereportcard.org and as a [tablet](#) and [phone app](#) on the iTunes and [Google Play stores](#).

Every four years, ASCE issues the Report Card which evaluates conditions and investment needs for major sectors of infrastructure — including roads, bridges, drinking water systems, ports, mass transit, and the electric grid. This year's Report Card covers 16 infrastructure categories, and it's being released as a digital application (or "app") that includes videos, interactive maps, and other multimedia tools. For the first time, the 2013 Report Card provides information for all 50 states, including examples of initiatives and innovations that are making a difference. For example, Oklahoma created a plan to replace or rehabilitate over 950 structurally deficient bridges between 2013 and 2020. Philadelphia implemented a program to improve resiliency and address combined sewer overflows using green infrastructure, capable of capturing water from all but the most severe storms.

Be the first to get the new Report Card at www.infrastructurereportcard.org, and just as importantly, share the grades in your social and professional networks via [Facebook](#), [LinkedIn](#), and [Twitter](#)! We hope everyone will be able to use this great product to get even more people involved in the conversation around our nation's infrastructure.

SAME JETS 2013 Fall Conference

Our SAME Rock Island Post partners are this year committed to running an SAME Regional training conference. ASCE will assist in arranging a three topic "technical track" at the JETS conference. Further, ASCE will forgo their share of the proceeds from the conference this fall year. And finally, QC ASCE members will be given the same rate to the 2013 JETS Conference as if they were SAME members. So the conference differs in that there is a planned vendor area, and will pull speakers from a larger area. Though the topics will be more focused to the river and environment than usual, the overall benefits will be worthwhile.

ASCE Structural Congress:

The ASCE/SEI Structures Congress is your annual opportunity to broaden your technical knowledge, sharpen your business skills, and deepen your understanding of cutting-edge research, and network with your peers and colleagues. The 2013 program will include 11 concurrent TECHNICAL TRACKS including a variety of sessions that will demonstrate processes and present projects that are redefining structural engineering in the areas of bridge and transportation structures, buildings, and advances in research. You will exchange ideas with your peers and learn how other companies have adapted to changes in today's global economy. The Structures 2013 Congress presents a tremendous opportunity to earn PDHs and gain new knowledge so that you and your business will thrive. For more information see the conference website at <http://content.asce.org/conferences/structures2013/index.html>.

In order to reduce expenses, the Quad City Section sends its newsletters in electronic format only. If you are aware of a fellow Quad City Section Member that does not receive the newsletter, it means that ASCE National does not have their email address. To receive the newsletter, members must keep their email information current by contacting ASCE at 800.548.2723 or by visiting the Members Only section of the ASCE website at <http://www.asce.org/membersonly>. The Quad City Section does not sell email information to anyone. ASCE's Privacy Statement is available on the ASCE website.

QC ASCE Scholarship:

The Quad City Section intends to offer scholarships of up to \$1000 to graduating high school seniors enrolling in a Civil Engineering curriculum at any ABET accredited engineering college or university. The scholarship form may be downloaded from our website at <http://sections.asce.org/quadcity/scholarships.htm>. For consideration, applications must be postmarked or emailed no later than Saturday, May 4, 2013.

ASM International Golf Classic on May 20th:

See the attached flyer ASM International's annual scholarship golf fund raiser. The tournament is a four-person scramble and space is limited so please register early (deadline May 13th). See the flyer for all contact information.

Events Calendar

Event	Date
April Meeting Joint ASCE/SAME	4/11
ASCE Structural Congress in Pittsburgh, PA	5/2 – 5/4
ASCE Scholarship Deadline	5/4
ASCE May Meeting	TBD
ASM Annual Golf Fund Raiser	5/20
SAME JETS Conference	10/16 – 10/18

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“GOLF CLASSIC 2013”

Grab your clubs, a few friends and join us on the course !! ASM International invites you to take part in this year's annual four-person best ball scramble at Pinnacle Golf & Country Club (*Private Club*). Proceeds raised from this event supports student scholarships & engineering educational programs.

When: Monday, May 20, 2013

Where: Pinnacle Golf & Country Club
11928 Knoxville Road, Milan, Illinois
(309) 787-5446

Time: Registration begins at 12:15 p.m.
Tee Time Shotgun Start at 1 p.m.
Dinner will begin around 6 p.m.

Cost: \$65 / person or \$250 / team to play
(includes golf, cart, lunch, dinner, prizes & fun)
\$20 / person for dinner only for the non-golfer

****NOT A GOLFER?**You can still participate:

Sponsorship Opportunities

‘Player Sponsor’ - \$20, ‘Golf Sponsor’ - \$50 ‘Sponsor a Hole’- \$100, ‘Sponsor nine’ - \$150,
‘Sponsor eighteen’- \$250, ‘Classic sponsor’- \$500, ‘Event Sponsor’ - \$1000

We are also accepting donations (promotional products, gifts, monetary, etc.) for prizes & silent auction

To Register Online:

<http://www.qcesc.org/GolfClassic.htm>

To Register by Mail:

- Make check payable to: ASM International (\$10 discount for ASM members)
- Include name, company, phone, email and society on registration info
- Mail to: Barry Murchie
QET Consultants
PO Box 353 (Attn-ASM)
Bettendorf, IA 52722

***Registration ends May 13 Space is limited so register early**

Questions: Email: BTMurchieQET@yahoo.com Phone: (563)359-7771

Society of American Military Engineers

2013 Great Lakes and Ohio Valley

Joint Engineer Training Symposium



<http://www.visitquadcities.com/sites/same/>

<http://posts.same.org/rockisland/>



Hosted by:
Rock Island Post
Illini Post

Davenport, Iowa
October 16-18, 2013



Mississippi River
@ Davenport Iowa