Introductions:

Practitioner Advisors: Dave Karnowski
Peter Clark

Honorary Lifetime Contact Member: Bob Thorn
Faculty Advisors: Dr. Melhem
Dr. Riding

Officer Reports:

President: Adam Emerson
Vice President: Carl Peterson
Treasurer: Vincent Studer
Recording Secretary: Jennifer Sommerfeld
Corresponding Secretary: Schyler Rohleder
Newsletter Editor: Mark Stewart
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Webmaster: Jaime Quilty
Steel Bridge Chairs: Chris Rottinghaus
Andrew Wiederholt
Concrete Canoe Chairs: Jenny Swabb
Mohammed
Almohammedali
Nathan Pohl
Katlyn Buckley
Open House Chairs: Noura Saadi
Alex Johnson
Katie Walbridge

Agenda:
Announcements: Adam Emerson
Introduction of Speaker: Carl Peterson
Speaker: Ron Altvater
Bob Ringer, PE
South Central Corrugated Steel Pipe Association

Bob Ringer graduated from the University of New Mexico. Bob worked for the New Mexico Department of Transportation for 25 years. For the past 14 years Bob had been doing educational presentations on corrugated steel pipe. Bob is the college presenter for the National Corrugated Steel Pipe Association sponsored by the South Central Corrugated Steel Pipe Association.

Topics covered tonight will include an introduction and advanced information on corrugated steel pipe design and installation. Also, engineering principles, construction techniques, storm water detention, environmental issues and special uses.

Roman Aqueducts

The Roman Empire used technology that changed the history of the world. One of their many technologies was the use of aqueducts. These aqueducts were responsible for providing the Roman Empire with water. Water was then used for supplying public baths, latrines, fountains and private households. At the height of the Roman Empire, the empire’s population was approximately 1,000,000 people. The aqueducts were capable of delivering up to one cubic meter of water per person.

The aqueducts were designed on the simple idea of gravity. Water was transported from higher elevations to lower elevations. To transport through valleys or lowlands the Romans built aqueducts on bridges with arches, which is the image that most people think of when they hear Roman Aqueducts. However, most of the aqueducts were buried following the natural lay of the land.
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Important Information

FE Review manuals are available for purchase for $85 each. Contact Vincent Studer if you are interested in purchasing the manual.

Students must become national members to receive credit for ASCE Student Membership. Registration is free and can be done online at http://www.asce.org/
Click “login” at the top of the page, then click “click here to create one” and follow the instructions to become a national member.

Scholarships and Internships

Kansas Water Environment Association Scholarship
KS APWA’s Steve Webb Memorial Scholarship
American Council of Engineering Companies

Schedule

Jan. 24 – Assembly: Ron Altvater
Feb. 7 – Shawn Mellies, Engineer (City of Wichita)
Feb. 21 – Kiewit
April 4-6 - Regionals
April 11 – Todd A. Wimmer (Union Pacific)
April 13 – FE Exam
April 19-20 – Open House

Joint Dinner - TBD

Senior Presentations/Officer Elections- TBD

(Puzzle from Sudoku Collection: www.sudokucollection.com)