



American Society of Civil Engineers

Our web site: <http://sections.asce.org/columbia/index.html>

Columbia Section

Since October 10, 1950

Newsletter

April 2007

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Columbia Section Meeting – April 18th, 2007

Date: April 18th, 2007

Place: Shilo Inn, George Washington Way, Richland

Meal: Buffet (Chef's choice) \$15 per person.
Please pay cash or check to treasurer at the meeting.

Topic: Richland's City Wide Water Leak Program

Speaker: Scott Siefken and Sheldon Williamson, City of Richland Water Maintenance Department

Additional Speaker: Amistad Elementary, Destination Imagination Team

Lunch will start at 11:30, and the presentations will begin at 11:45.

RSVP: Paul Harmsen, pharmsen@mackaysposito.com or 509-374-4248 by April 17th, 2007.

President's Remarks:

Dear Members:

The Columbia Section has three meetings remaining this year before the summer break—and all presentations will be interesting for residents and especially engineers in the region. Please plan on attending the remaining ASCE Columbia Section lunch meetings.

I would like to thank the Future City Team from St. Patrick's school for speaking at the Columbia Section lunch meeting last month. The team gave an excellent and interesting presentation. The Future City Competition is a wonderful program for students to develop important skills such as team work, public speaking, scheduling, and critical thinking. This program is in need of mentors and parents willing to work with students and teams. If you are interested in helping please contact Ben Volk, P.E. with JUB Engineers, 783-2144 or visit the website at <http://www.futurecity.org/> for more information.

Our speakers this month will be Sheldon Williamson, P.E. and Scott Siefken with the City of Richland, presenting on "Richland's Citywide Water Leak Program, 1996 to Present". Please mark your calendars and plan to attend this month's Columbia Section lunch meeting.

Hope to see you this month!

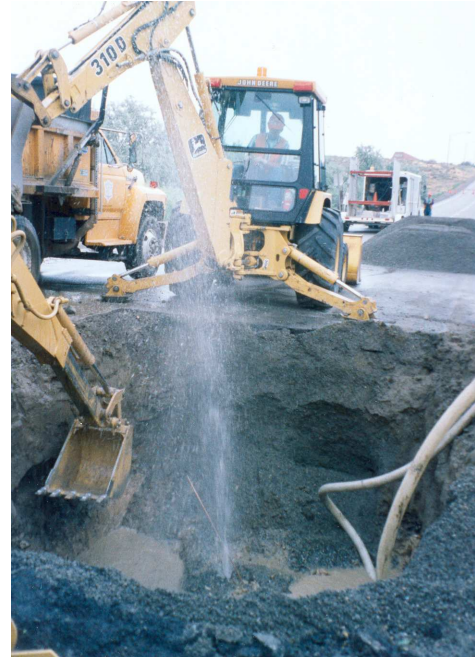
Sincerely,
Paul Harmsen
ASCE Columbia Section President

Richland's City Wide Water Leak Program

Speakers:

Scott Siefken and Sheldon Williamson
City of Richland Water Maintenance Department

The City's presentation will outline the Water Leak Program including background on the original steel water main system installed in the late 40's / early 50's all the way through the reasons behind the leak program, how the program was implemented and the benefits of the program (water production savings, prevention of leaks, etc.).



AutoDesk Civil 3D Training

April 25th – 27th
Pendleton Oregon

The City of Pendleton and Blue Mountain Community College have put together a 3 day AutoDesk Civil 3D training session. Training will be Wednesday April 25, 2007 thru Friday April 27, 2007 at Blue Mountain Community College in Pendleton. The cost for the training will be \$600 per seat. There are 8 seats available on a first come first served basis. Day one and two of the training will be Intro to Civil 3D, and day three will be Advanced Road Design and Rehabilitation.

Blue Mountain Community College will be handling the registration and will accept a check or PO. If you would like to register for this class you can contact Diana Hammon at 541-278-5762 or email: dhammon@bluecc.edu or Wayne Green at 541-966-0243, email: wayne.green@ci.pendleton.or.us, and we'll send you a registration packet.

Attached are the course descriptions. You may notice that the courses combined cost \$1220 if you take them at their Portland office, so this is a very good deal.



TRI-CITY TEAM GOING TO DI GLOBAL FINALS !!

A team from Amistad Elementary has qualified for the Destination Imagination (DI) Global Finals in Knoxville, Tennessee, where they will compete against students from 48 states, the District of Columbia, and 18 countries. This unique event is the largest creative problem-solving competition in the world and it takes place May 21-26, 2007.



Rapid Fire DI'ers TEAM MEMBERS:
David Zilar, Calloway Erickson, Morgan Erickson,
Celia Schlekewey, Ray Porter, Randy Jobs

What is DI ?

Destination Imagination is a program in which teams of up to seven students compete against each other within their elementary, middle school or high school level. Each team selects one of five challenges to develop a performance-based solution for their competition. Teams are judged against scoring criteria that reward creativity and innovation. The first-place teams in each challenge advance to the next level of competition. In Washington State this year, there were over 300 teams competing for the right to represent the state of Washington at the Global Finals competition. Amistad Elementary is among those fortunate enough to represent the state at Global Finals in May, where they will be among 16,000 competitors from around the world.

How you can help!

We are seeking financial support to help fund travel and room and board to compete at the international level. It costs about \$1100 per person for these students to participate. If you wish to be a part of this exciting accomplishment by making a tax-deductible donation, please make your check payable to:

Amistad PTO

Please note on your check "For Amistad Elementary DI Team (Zilar/Lee)"

Please contact Team Managers Linda Zilar (509) 582-5002 or Maple Lee (509) 376-1620 or 430-2017 to help fund this worthwhile academic program. We appreciate your help in showcasing our students at this international academic competition.

See the other side for more information about the Rapid Fire DI'ers.

The Rapid Fire DI'ers chose a problem called Card-DI-ology. The team had to design, build, and test a structure made completely of regular playing cards with or without glue. The team tested its strength by placing weights upon it. The team also had to create a story about the impact or effect any kind of card or cards has on a character in the story. The team had to integrate two side trips into the presentation. The focus of the challenge is Architectural Design, Architectural Drawing, Structural Engineering, Construction, Research, Innovation and Design Process, Mathematics, Theater Arts, and Teamwork.

They also had to complete an *Instant Challenge* where their problem solving abilities, creativity, and teamwork are put to the test solving a time-driven challenge. The given problem usually has to be completed in a very short time frame – usually 3 to 5 minutes!



The card structure above held 585 lbs !!

