

THE MOMENT

Cecil T. Lobo ASCE Student Chapter of Rose-Hulman Institute of Technology

ASCE Indiana Section Meeting

The 2004 ASCE Indiana Section Meeting was held on Thursday, April 1, 2004 at the Fountains Banquet and Conference Center in Carmel. More than 50 RHIT juniors and seniors attended, which was more than the student attendance from University of Evansville, Tri-State University, Valparaiso, Purdue, and the University of Southern Indiana combined. After a welcome from the IN Section President Tim Wells and Vice President Marvin Obermeyer, a general information session entitled "Preparing Tomorrow's Civil Engineer: Implementation of ASCE's Master's or Equivalent Policy" was given by Stuart G. Walesh, Ph.D., P.E. Dr. Walesh, who is currently a national management consultant, has held the positions of engineering associate, professor, and dean of engineering during his career in Indiana and Wisconsin. The information given during the session by Dr. Walesh was very similar to that provided by Dr. Sutterer during the February Monthly Meeting.

After the general information session was complete, three breakout sessions were held. The topics of the sessions included: Transportation/Structural, Hydraulics/Environmental, Geotechnical, and Project Management (basically a review of Dr. McKinney's Construction Engineering Class!). In-between the first and second breakout sessions, an awards luncheon was held. Awards were given to two students from each ASCE Student Chapter who have exhibited service and dedication to ASCE. The winners from the RHIT Cecil T. Lobo Student Chapter were David Pirnia and Cory Howell.

Concrete Bridge Rehabilitation

On Tuesday, March 30, Chip Bradway (RHIT CE Alumni '97) was kind enough to give some of our chapter a tour of a bridge rehabilitation project Congdon Engineering was working on. About 8 students took the journey out to the East Side of Indianapolis to see the failing concrete structure. Meeting Mr. Bradway at the Congdon Eng. Offices, he gave us a quick presentation of the company and an overview of this specific project. The group then braved the rain to see the nearly completed project in person. Overall the trip was very informative since we got to see many of the subjects we learn in class being applied to a real life situation. Be sure to check out the Chapter website under Activities to see pictures from the trip.

Contributed by Jason Lange

Another event at the Section Meeting was the Annual Student Design Competition. This year only two schools (RHIT and the University of Evansville) entered the competition. One Senior Design Team from each school presented their project. The University of Evansville's Senior Design Team presented a land development project that they undertook in southwestern Indiana. The RHIT Senior Design Team presented a bridge design project that they completed for the Crane Naval Surface Warfare Center, which is located in south-central Indiana. The RHIT Senior Design Team won the competition with an excellent and impressive presentation. The members of the winning group include: Matt Albert, A.J. Chandler, Noah Fehrenbacher, Jake Gennicks and Jake Wilhoit. Congratulations, gentlemen!

Contributed by Cory Howell

Midwest Mole Field Trip

The Student Chapter took a field trip to Indianapolis in late March to visit Midwest Mole. Dan Liotti, president, talked to us about various types of trenchless technology that the company is involved with. Then, we saw directional boring machines, tunneling machines, and drilling machines in their yard. Finally, we drove to downtown Indy, to see a jobsite.

Midwest Mole is helping to install 30" chilled water lines in front of Conseco Fieldhouse to the new Lilly Corporate Center several blocks away. They had to dig 40' deep pits for their tunneling machines, and bored to a receiving pit some 100' away.

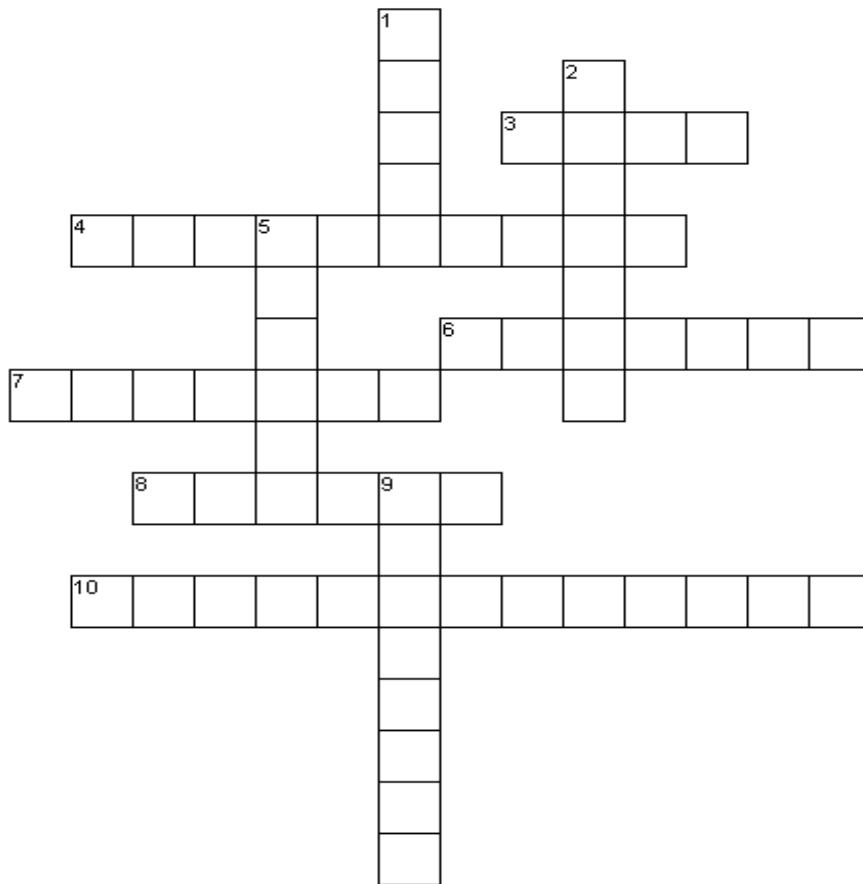
Besides getting to see some neat machinery and big holes in the middle of the street, the students were able to get a better idea of how trenchless technology works, and what kinds of things practicing engineers do.

This field trip also shows the importance of networking. The trip was the product of networking done at the Midwest Society of Trenchless Technology seminar, and the emails you may have received from Dr. Houghtalen are a result of talking with Mr. Liotti that afternoon.

Overall, we all had a great time at the field trip. It was a chance to get off campus, see a neat construction site, and have fun. Keep an eye out for more ASCE-sponsored field trips and social events, and join in the fun!

Contributed by Andrew Twarek

Crossword Puzzle!!!!



Here are the clues. Good Luck!!!

Across

3. an anisotropic building material
4. the Golden Gate Bridge is this type of bridge
6. largest dam in the world
7. it's what concrete does to gain strength over time
8. this country runs the fastest passenger trains in the world
10. tallest building in the world

Down

1. when used in a double glazed window, it provides better thermal insulation
2. first city to use computer controlled traffic signals
5. third busiest canal in the world
9. it was used in place of plate steel for the ice shields of the Confederation Building

Upcoming Events

- National Daniel W. Mead Student Paper Competition
Thursday, April 15
- ASCE Student Regional Conference
Thursday-Saturday, April 29-May 1
- ASCE Monthly Meeting—US Navy Civil Engineers Corp
Wednesday, May 5, 5th hour—0227
- ASCE Spring Social—BW3s (tentative)
Thursday, May 13—6:00 pm
- ASCE Spring Picnic (tentative)
Friday, May 21—5:30 pm
- ASCE Golf Tournament
Saturday, May 22

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<http://www.rose-hulman.edu/ce/asce>