

ASCE® Newsletter

American Society of Civil Engineers

January 2010

Wisconsin Section Southwest Branch (<http://branches.asce.org/southwest>)

Wednesday, January 20, 2010



Project Presentation:

“Lake Delton Breach”

Rusty Chesmore, P.E.

Vice President Transportation Services

Mead & Hunt, Inc.

On June 9th, 2008, Lake Delton, a man-made lake that covered 267 acres and held more than 600 million gallons of water in Sauk County failed and drained within two hours after the shore gave way, less than a quarter-mile from the dam that controls the lake. The breach created a ferocious current, eroding a 370-foot section of CTH A, washing 300,000 cubic yards of soil into the Wisconsin River and destroying 5 homes. The event dealt a blow to one of the state’s most popular travel destinations.

Mead & Hunt, MSA Professional Services, the Village Engineer, responded to the Wisconsin Department of Transportation’s fast-track request to restore the lake and CTH A. The collaborative effort prepared a design in only two months to close the breach and modify the dam. CTH A was reopened and reservoir refilling began in December 2008 in order to fill up the lake by May 2009, prior to the start of the summer tourist season.

This project has been awarded the American Council of Engineering Companies of Wisconsin (ACEC WI) Engineering Excellence Best of State, American

Society of Civil Engineers’ (Wisconsin Section) Engineering Achievement Award, McGraw-Hill’s Best of Construction for both civil engineering and project management, and American Association of State Highway and Transportation Officials (AASHTO) Award from the Mississippi Valley Region. It was recognized by Wisconsin Builder magazine as a 2009 Top Project and Rusty Chesmore and Jim Borg were named Engineer of the Year in part for their newsworthy efforts on the Lake Delton project.

Time: 11:30 am Social
12:00 pm Lunch
12:15 pm Presentation

Lunch Menu:

Sandwich Buffet, Salad, Side, Dessert, Coffee, Soda, or Water

Cost: Professionals/Faculty - \$12
Students – free

Location:

The Gray’s Tied House
950 Kimball Lane
Verona, WI 53593

Directions:

From HWY 151/18/
Verona Road, Take
Exit 79, turn on Old
County Road PB, turn
left onto Walen Road,
and turn left onto
Kimball Lane.



RSVP:

Please **RSVP** by 12:00 PM, Monday, **January 18, 2010** to Dan Schrum at Daniel.Schrum@hdrinc.com (preferred) or -608-662-1835.

NOTE: If a walk-in guest does not purchase your meal, you will be invoiced. Send a substitute guest if you have a last minute conflict.

2009-2010 ASCE Meeting Schedule

Feb 17 2010	AIC Joint Tour/Dinner Meeting The Wisconsin Institutes of Discovery
Mar 2010	Spring Technical Conference

Wisconsin Section American Society of Civil Engineers



C/O Brian Udovich, P.E.
Wisconsin Section - ASCE
Jefferson County Highway Dept.
141 W. Woolcock St.
Jefferson, WI 53549

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Mark your calendars for the November
SW Branch ASCE Meeting:
11:30 am Wednesday, Jan. 20
Sign up NOW - RSVP date is Jan. 18!

PRESIDENT'S MESSAGE

Happy New Year 2010, ASCE Members! Now that the presents have been opened (and some taken back!) and the celebratory festivities of the holidays have given way to heartburn, headaches, and homework, it is time to get back to the grind!

Certainly, 2010 will require time in each of our schedules to be allocated for our careers' workload; educational training sessions; extracurricular activity events and school functions of our sons, daughters, nieces, nephews, or grandchildren; and family activities, to name a few. But we also need to incorporate time into our busy schedules for volunteerism. We should volunteer our time for noteworthy causes, not just for humanitarian reasons, but because we are civil engineers, because we are viewed in the public eye as leaders, and because we have an obligation to protect, maintain, and enhance the health, welfare, and safety of our society. ASCE provides many different avenues of opportunity for volunteerism: on the Section Board; on a Branch Board; as a Committee Chairperson; on the Student Chapter Board or subcommittee; on the Annual Fall Meeting Planning Committee; on the Annual Spring Technical Conference Planning Committee; as a Chair for the Technical Speakers for the Fall Meeting or Spring Technical Conference; within the Younger Members Organization; and/or the Habitat for Humanity Project. Such service within our organization and for community groups and other associations will benefit your community; will enhance the quality of life; and will strengthen the civil engineer's role in the sustainability of our society. As I have found in the past, the gratitude and rewards of volunteering far exceed the time and effort spent.

The Southwest Branch of the Wisconsin Section of ASCE is planning for another Habitat for Humanity Project again this year. The SW Branch's Habitat for Humanity Project will take place on an upcoming Saturday in February, 2010. Please consider volunteering your time, knowledge, and experience for such a worthwhile cause. Please contact Theresa Possley Nelson (theresa.nelson@appliedeco.com) for more information.

Thank you to all of the attendees at the December Branch Meeting held at the Great Dane restaurant on December 16th. Those in attendance enjoyed an instructive presentation from Ms. Kathy Lake, P.E. of JJR regarding the Concordia University Wisconsin Lakeshore Restoration Project. This Project demonstrated another example of the vital relationship between the civil engineering profession and the first-rate, educational institutions and programs of our State. Thanks again, Ms. Lake, for volunteering your time and efforts for the presentation!

Please mark your calendars for this month's enlightening Branch meeting to be held on **Wednesday, January 20, 2010**. Please see details for the meeting on the front page of this Newsletter. Hope to see you there!

Giddee Up!
Bart Nies, P.E.
bart@delta3eng.biz

HABITAT FOR HUMANITY

In February members of the Southwest Branch of ASCE will participate in a Habitat for Humanity of Dane County workday. This is a great opportunity for community service and meet other ASCE members outside of the normal monthly meetings. Like previous years, this event is open to all Southwest Branch ASCE members. Contact Theresa Possley Nelson (theresa.nelson@appliedeco.com) for more information.



MEMBER BENEFITS

Check out *Insights*, a monthly podcast series with noted civil engineering industry leaders discussing their perspectives and insights into the successful practice of civil engineering. Featuring honest, straightforward viewpoints, based on unique experiences and interests, these discussions tackle a wide range of compelling issues. *Insights* is presented as a series of discrete episodes -- audio files that can be downloaded for listening anytime from portable devices such as iPods or from any personal computer (<http://insights.asce.org/>).