



ASCE American Society of Civil Engineers

WISCONSIN SECTION NEWSLETTER AUGUST 2003

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2002 – 2003

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President's Message

Greetings! I hope your summer has been going well and you have been able to enjoy some of Wisconsin's great summer activities.

The Wisconsin Section has always been known for being a very active and involved Section. The number of ASCE National Awards the Section and Section Members have won over the years is evidence of this.

This trend continues...

First, congratulations to the Milwaukee School of Engineering and UW-Madison Student Chapters for their success at the ASCE/MBT National Concrete Canoe Competition, held June 20-22 in Philadelphia. Milwaukee School of Engineering finished 8th in the competition and UW-Madison won the competition. The scoring is based upon a design paper, a business presentation, the end product, and slalom / endurance and sprint races.

Also, the UW-Madison Student Chapter finished 2nd in the ASCE/AISC National Student Steel Bridge Competition held May 23-24 at San Diego State University. The bridges are judged in six categories: weight, aesthetics, stiffness, cost, efficiency, and speed of construction. UW-Madison finished among the top three in four of the six categories.



This success is a tribute to the hard work and dedication shown by the student chapters. I hope that with all the extracurricular activities being pursued, the students still have time to attend an occasional class.

In May, the Wisconsin Section held the release of the Report Card on Wisconsin's Infrastructure at the State Capitol. Since that time, many Section members have met with the media and local business and civic groups to give presentations about the Report Card. I encourage you to speak to local community organizations or business groups about the Report Card. The Public Relations

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President's Message (Continued from page 1)

Committee has prepared a PowerPoint presentation that is available for any Section member to use to present a "local" perspective on the infrastructure areas that have been evaluated. Remember, the closer you can bring this to your community, the greater effect we can have as a state to impact and influence legislation to improve infrastructure.

In order to keep the Wisconsin Section as one of the best, I encourage you to become involved with some of the many activities ASCE offers. Whether at the Branch or Section level, there are many activities available (committee work, charity work, social functions, etc.) for nearly every interest. Your involvement will not only be a personal achievement, but will also help to advance the profession of civil engineering and ASCE.

Best of luck to Hillary Isebrands, Director-at-Large, who is leaving the Wisconsin Section to return to school at Iowa State. She will be pursuing her Masters Degree in Civil Engineering. Hillary has been a great asset to the Wisconsin Board and Section. We would love to see her stay, but also wish her the best of luck in her studies and all her future endeavors.

Remember to mark your calendars for the Annual Meeting to be held September 19, 2003 at the Olympia Resort in Oconomowoc. Chair Peter Nilles and his committee have secured speakers and topics that will ensure a memorable meeting. I encourage all Section members to make that extra effort to attend. I hope to see you there!

Respectfully, Carl Sutter

HAS YOUR ADDRESS CHANGED?

Our ASCE Wisconsin section has about 1,966 members. And, in any given year, at least 100 of us find a new place to call home. This may be particularly common for our student members. Please keep ASCE informed of your current address. You can do-it-yourself at www.asce.org/myprofile. Or call (800) 548-2723.

WANTED

Your Articles, Comments, Photos, and Letters for publication in this ASCE Newsletter
Anything civil, interesting and primarily factual may be submitted to:

Ned W. Paschke, Editor
nedp@madsewer.org

Madison Metropolitan Sewerage District
1610 Moorland Road
Madison, WI 53713

Phone: (608) 222-1201 ext. 257

Fax: (608) 222-2703

Deadline for next issue: October 15, 2003

Visit The Website

The ASCE Wisconsin Section website offers a wealth of information about our section. Our thanks to webmaster Martin Hanson for his time and talents. Current events, newsletters, contacts, email addresses, board meeting minutes, and much more are waiting for you. Check us out at:

http://sections.asce.org/wisconsin/wi_asce.html

**TOUR of PRECAST CONCRETE PLANT
and TECHNICAL PRESENTATION**

Sponsored by ASCE Southwest Wisconsin, CSI Madison Chapter and ACI Wisconsin.

Join our tour of Mid-States Concrete Products Co., an engineering, manufacturing and construction company. You will see "state-of-the-art" fully automated production facilities that produce precast/prestressed hollowcore concrete planks and structural concrete elements.

The technical presentation will overview the field installation of precast / prestressed hollow core concrete planks and other precast structural concrete elements.

DATE: Tuesday, September 9, 2003 (RAIN or SHINE)

BRING: Your hardhat, shoes suitable for gravel and a raincoat

TOUR TIME: 4:45 p.m. check in. Groups depart at 5:00 and 5:15 p.m. for the 40-minute tours

TOUR LOCATION: 500 South Park Avenue, South Beloit, Illinois, 800-236-1072

SOCIAL TIME: 6:00 p.m., sponsored by Mid-States Concrete & Lafarge NA Cement Group

SOCIAL SITE: Café Belwah, in the Beloit, WI, 500 Pleasant St, 608-363-1110

DINNER TIME: 6:45 p.m., Sirloin Steak or Chicken Aristocrat, both wrapped in bacon. Special menu requirements can be accommodated. Notify Ed Gebauer.

DINNER COST: \$20. Full time students will receive a \$10 discount from sponsoring groups. Make checks payable to ACI WISCONSIN

TECHNICAL PRESENTATION TIME: 7:30 p.m.

E-MAIL Reservations are preferred: ed.gebauer@lafarge-na.com by noon, Friday, Sept. 5th. State if attending the tour, the dinner, or both. State MENU CHOICE of Steak or Chicken.

PHONE RESERVATIONS and Reservations after Sept 5th: Call Ed Gebauer, 608-334-7129

The Sewers of Paris and Other Stories

by Ned Paschke

PARIS, France -- Victor Hugo, in his great novel *Les Misérables*, included a famous scene where Jean Valjean rescues Marius by carrying him to safety through the sewers of Paris. Reporting for the Wisconsin Section ASCE, I recently took an opportunity to follow in the footsteps of Mr. Valjean while on a family adventure in this City of Lights.

Paris is a beautiful and densely populated city of cafés, pedestrians, museums, monuments, bridges, cathedrals, and people enjoying life outside. Even at 11:00 p.m., you will see them everywhere ... well-dressed couples leisurely strolling about, and small groups picnicking in the parks with their selections of wine and glasses neatly lined up on the grass. It is almost enough to make a Wisconsin visitor blurt out... "What's going on here? Don't these citizens have to work in the morning? And why is everybody so darned relaxed?" I don't know, but I believe that further research and at least several additional site visits are in order.

But back to the report. For a civil engineer, Paris is also famous for its tunnels. Did you notice those Tour de France cyclists last week disappearing into one as they took their final laps on the Champs Elysees? And the Paris subway, considered the finest metro system in Europe, is complete with bands of roving musicians who will leap into your car at random and start up a rousing accordion song while passing the hat for contributions.

And then there are the catacombs, a labyrinth of grim underground passageways that are completely lined with human skulls and bones, transplanted by the thousands from overcrowded city cemeteries of the 18th century. This is not something that you see everyday, and I do not believe that our ASCE geotech specialists have yet approved this particular material for tunnel use in the USA.

But now, the sewers. Convincing my family that these large tunnels had cultural significance (after all, the same museum pass that admits you into the Louvre also admits you into the sewers), we went down, down, down into the bowels of the city.

This huge system was conceived by Mr. Eugene Belgrande, a Parisian engineer of the 19th century. Initially it served to transport wastewater and street drainage away from the populated areas, ultimately discharging into the Seine River several kilometers downstream of the city. With a specialized fleet of sewer

boats and other cleaning equipment, large volumes of solids are removed from the sewers and disposed of on land. In the early twentieth century, formal treatment facilities were constructed outside the city to intercept and clean the water before its release to the river. But the famed sewers continue to perform their vital function of conveying the wastewater out of the city.

To uphold my stereotype as a civil engineer, I struck up a technical conversation with the gentlemen on duty down there. I learned that the average daily water use in Paris is only 150 liters (40 gallons) per person. This is much less than in the USA, where typical residential use is about 80 gallons per day. When I reported this info to an associate in the USA, he concluded that "the Parisians are either very clean or very dirty". Again, more research is needed. Au revoir!



Sustainability Workshop for Concrete Producers
sponsored by

Environmental Council of Concrete Organizations

When: August 14, 2003 8:00 a.m. to 5:00 p.m.

Where: Marquette Univ. Alumni Hall

1442 West Wisconsin Avenue, Milwaukee

Registration Fee: \$125.00 private sector, or
\$95.00 public sector

For more information, and to Register:

See website <http://www.ecco.org/RS/milw.html>

2003 REPORT CARD ON WISCONSIN'S INFRASTRUCTURE



AMERICAN SOCIETY OF CIVIL ENGINEERS WISCONSIN SECTION

Subject	WI Grade	National Grade	Comments
Roads	C-	D+	Wisconsin's State Highway Plan 2020 has been established to improve safety, maintain pavement condition, and relieve congestion. Current funding levels are falling significantly below plan recommendations. Without additional funding, this grade will decrease in the future.
Bridges	B-	C	Approximately 20% of Wisconsin's bridges are in need of replacement or rehabilitation. This represents a significant improvement over the last twenty years. Additional funding beyond current levels will be needed to continue reducing the backlog of deficient bridges.
Transit	C+	C-	Wisconsin Urban Transit Systems consistently perform above the national average when compared to systems in cities of similar size. Operating costs continue to rise, however, while ridership is declining, creating pressure to increase fares and/or reduce services.
Airports	C+	D	Major airports in Wisconsin currently have adequate capacity to meet projected passenger traffic. The system needs for all Wisconsin airports are, however, significant. Increases in current funding levels are critical to address pavement and navigational needs.
Public Schools	C	D-	50% of Wisconsin's schools are more than 40 years old. 57% report maintenance budgets as "less than adequate" to raise the overall condition of schools to "good." An estimated \$1.6 billion in additional funding is needed to bring the state's K-12 public schools to "good condition."
Drinking Water	C+	D	The existing condition of Wisconsin's water supply infrastructure is good. However, new regulatory standards for water quality, combined with declining groundwater levels and aging treatment facilities, will require more than \$3.0 billion over the next 20 years.
Municipal Wastewater Facilities	B+	D	Wisconsin's municipal wastewater collection and treatment facilities have a good record of compliance and planning for the future. An increased investment will be required to maintain the system and address pending new regulations.
Rivers and Dams	D	D	Wisconsin's floodplain ordinances and codes are well designed, but the stock of floodplain hazard maps is old and growing more outdated each year. Dams are not being inspected as required and repair grants have been curtailed due to lack of funding. Dam Safety rules need to include dam structures that are currently unregulated.
Stormwater	C+	N/A	Half of Wisconsin's communities do not have a regular maintenance program for storm sewers and catch basins. Wisconsin communities will be facing significant funding shortfalls as replacement of aging sewers becomes necessary and as new stormwater quality regulations are implemented.
Solid Waste	B	C+	Existing solid waste landfills are well designed and have sufficient disposal capacity. Currently, more than one-third of municipal solid waste is recycled.
Contaminated Sites	C+	D+	While Wisconsin has proactively encouraged cleanup of contaminated sites, thousands of sites still require remediation. Remediation costs for these sites will require funding in the billions of dollars. Local governments will need to become more active in redeveloping contaminated properties.
Energy	C	D+	Wisconsin energy supplies are adequate at this time. However, capacity shortages could be experienced by 2007 if no new plants are constructed. Transmission capacity for natural gas and electricity is inadequate.

Wisconsin's Infrastructure Overall Grade = C+

Nation's Infrastructure Overall Grade = D

Prepared by: American Society of Civil Engineers, Wisconsin Section

- A = Exceptional
- B = Good
- C = Fair
- D = Poor
- F = Inadequate

Each category was evaluated on the basis of condition and performance, capacity vs. need, and funding vs. need.

Nominated Officers for 2003-04 ASCE Younger Member Group

All ASCE Younger Members (ages 35 and below) are encouraged to return their enclosed ballot to the Section Secretary by August 20.

President - Charles J. Winter

Charles (Chuck) Winter is currently a geotechnical engineer with Wagner Komurka Geotechnical Group, Inc. in Cedarburg. Chuck has six years of engineering experience since leaving UW-Madison, where he earned a B.S. in Civil Engineering and a M.S. in Civil & Environmental Engineering (geotechnical emphasis). He is a registered professional engineer in Wisconsin. Regarding ASCE, Chuck was very active at UW with the Concrete Canoe, participating in the 1993-1997 teams, and serving as co-chair of the 1995 team. Chuck is currently Secretary of the Wisconsin ASCE Younger Member Group.

Vice President - Nahid Z. Afsari

Ms. Afsari graduated with a B.S. in Civil Engineering from UW - Madison in December of 1998. While at Madison she was active with the student chapter of ASCE. She was a member of the 1997 Concrete Canoe team which placed 9th at the national competition. Ms. Afsari went on to receive her Masters Degree in Civil Engineering from Purdue University in December of 2000. She is a registered Engineer - In - Training in the state of Wisconsin, and has worked for CH2M Hill for three years with the transportation group as a structural engineer. She is currently Treasurer of the Wisconsin ASCE Younger Member Group.

Secretary - Jacquelyn Nicholson

Ms. Nicholson graduated with a B.S. in Civil Engineering from UW - Madison in May, 2002. While at Madison she was active with the student chapter of ASCE serving a term as Program Director and was a member of the Concrete Canoe team for four years. She became an Engineer In Training in October 2002 and she has worked for almost three years at Earth Tech in Water Resources.

Treasurer - Elizabeth A. Lorentz

Ms. Lorentz graduated with a B.S. in Civil Engineering from UW-Platteville in December, 1996. While in Platteville, she was a member of the American Society of Mining Engineers, contributing to the team effort in the nation-wide mining competitions. She also was a member of American Society of Civil Engineers, Chi Epsilon, and acted as a student mentor for underclass women in engineering. Ms. Lorentz worked in the Jacksonville, Florida area after graduation for over a year before moving back to the Midwest and working in Minneapolis, Minnesota. In 1999, she finally settled in the Milwaukee area and is working for Earth Tech, Inc.

Director / Outreach Chair - Laura A. Arlt

Ms. Arlt graduated with a B.S. and M.S. in Environmental Engineering - Water Resources from Michigan Technological University in May 2000 and May 2002 respectively. While at Michigan Tech, she was active with the student chapter of ASCE serving as the Regionals fundraising chair for two years. Ms. Arlt has worked for one year as a Water Resources Engineer at Tetra Tech, Inc. in Milwaukee.

Director / Activities Chair - Justin M. Arndt

Mr. Arndt graduated from UW - Madison in December 2000 with a B.S. in Civil Engineering. While a student in Madison, Justin was active in the ASCE student chapter, serving as concrete canoe co-chair two semesters, and vice-president and treasurer for one semester each. He was also co-chair of the effort to bring the ASCE 150th Anniversary National Student Conference to Madison. Justin has work as an engineer at Kapur & Associates, Inc. for over two years.

Director / Fund Raising Chair - Phil Blonn

Mr. Blonn graduated with a B.S. in Civil Engineering from Calvin College in Grand Rapids, Michigan in May, 1999. There he was involved in the student chapter of ASCE, and the student radio station. After graduation, he received a teaching assistantship and continued his studies at Marquette University. He received his Masters Degree in Environmental Engineering from Marquette in August, 2001. He has worked for CH2M HILL in Milwaukee as a Water Resources Engineer since July, 2001.

Director / Membership Chair - Wessam Daoud

Mr. Daoud graduated with a B.S. in Civil Engineering from the Jordan University of Science and Technology, Jordan in May 1996. He went on to receive his Masters Degree from the University of Wisconsin-Milwaukee in December 1998. He has been working with MWH Americas, Inc. for the past 4 years as a Geotechnical and Tunneling Engineer. He became a registered Professional Engineer in the State of Wisconsin in April 2002. He is currently working toward a Ph.D. in Engineering from the University of Wisconsin-Milwaukee where he is expected to graduate in August 2003.

Past President - Uriah J. Wolfe

Mr. Wolfe graduated with a B.S. in Civil Engineering from UW - Madison in May, 1997. While at Madison he was active with the student chapter of ASCE serving a term as Vice President and 2 terms as Chairman of the Steel Bridge Team. He received the student chapter's Outstanding Student Award in the spring semester of 1997. Mr. Wolfe went on to receive his Masters Degree in Civil Engineering from Purdue University in December, 1998. He became a registered Professional Engineer in the state of Wisconsin in August 2002, and has worked for more than 4 years at Graef, Anhalt, Schloemer & Associates as a Structural Engineer. He is currently serving as President of the Wisconsin ASCE Younger Member Group.

Reminder

Friday, September 19, 2003 is the
ASCE WISCONSIN SECTION ANNUAL MEETING
 in Oconomowoc

The 2003 ASCE Wisconsin Section Annual Meeting is scheduled for Friday, September 19 at the Olympia Resort and Conference Center in Oconomowoc, Wisconsin. Registration forms will be mailed in mid-August. Currently, the following topics are scheduled to be presented:

Environmental – Spill Prevention Regulations, Radionuclides in Wisconsin's Drinking Water, Wet Weather Capacity at Jones Island WWTP, and Lockport Prairie Nature Preserve Ecological Assessment;

Management – ASCE Wisconsin Report Card and Utilizing ISO-9001 to Build Quality Systems and Client Relations;

Geotechnical – Building Expansion Using Pressuremeter Evaluation and Ground Freezing Excavation Support & Groundwater Control;

Urban Planning and Transportation – USH 151/STH 29 Corridor Improvement Project and Gordon Park Re-development;

Construction – Chicagoland Underflow Plan (CUP) McCook Reservoir Grout Test Project;

Water Resources – Watershed Approach and Great Lakes Water Use Following the Ecosystem Improvement Principles of Annex 2001;

Structural - St. Luke's Medical Center Cardiac Center and Patient Tower - Case Study of Construction Issues and Vibration Study Results for New Addition at St. Luke's Medical Center in Milwaukee, WI.

The general session's speaker currently scheduled is Senator Kedzie, who represents District 11. Senator Kedzie is the chair of the Committee on Environment and Natural Resources and is a member of the Environmental Education Board and the Committee on Transportation and Information Infrastructure.

An Order of the Engineer ceremony is also planned for the end of the day.

Registrations, along with the registration fee of \$70, must be postmarked by Tuesday, September 9, 2003 to avoid the \$10 late registration fee. An additional \$20 is required for those who wish to participate in the Order of the Engineer ceremony. Registration will begin at 7:30 am, with the speaker sessions beginning at 8:30 am. For questions regarding registration, please contact Troy Deibert at 414-290-7720 or DeibertTE@cdm.com.

The registration deadline for vendor booths is Friday August 15, 2003. Please contact Laura Kletti at 414-290-7719 or KlettiLL@cdm.com for more information.



First Place! Over the weekend of June 20-22, the UW-Madison Concrete Canoe Team beat out 23 other teams to capture their first ever national championship at the National Concrete Canoe Competition in Philadelphia, PA. Congratulations to all who took part!



The UW-Madison Steel Bridge team took second place at the 2003 National Steel Bridge Competition in San Diego, its highest finish ever. The team earned first-place finishes in the construction speed and structural efficiency categories.

Election Results Announced for ASCE Wisconsin Section Board

President: Timothy R. Bate, P.E.

Currently finishing his term as ASCE President Elect, Tim will begin serving as our Wisconsin Section President at the September annual meeting. Tim was recently promoted to the position of Engineering Planning Manager for the Milwaukee Metropolitan Sewerage District, and is responsible for the District's 2020 Facilities Planning. From 1998 through May of this year he managed the District's \$300 million Central Metropolitan Interceptor Sewer Improvements program. In his 14 years at the District, he has also worked as the District's Water Quality Manager, a Senior Industrial Waste Engineer, and Field Engineer. Prior to his work at the District, Tim was with Graef, Anhalt, Schloemer & Associates in Milwaukee for 10 years.

Tim received his BS degree in civil engineering from Marquette University and a MS degree in land use planning from UW-Stevens Point. An active member of ASCE for many years, Tim has previously served as Wisconsin Section Secretary, Vice-President, and in other positions. He is also very active in his church. Tim is married, has two children, and is a life-long resident of the greater Milwaukee area.

President-Elect: Ned W. Paschke, P.E.

Ned is the Director of Engineering for the Madison Metropolitan Sewerage District. His department provides the planning, design and construction management for MMSD treatment facilities, pumping stations, and interceptor systems. Ned earned Bachelors and Masters degrees in Civil and Environmental Engineering at the University of Wisconsin – Madison. Prior to joining MMSD, Ned was a member of the hydraulic analysis and design group at Harza Engineering Company in Chicago.

Ned's interests include applied hydraulics, wastewater, water resources and management. He has enjoyed serving as a speaker for ASCE and civic groups and as a presenter of short courses and workshops at the University of Wisconsin-Madison. Ned also enjoys traveling, bicycling, and music, and says he is one of the few sewage engineers that play the violin. Ned and his wife Tammy live in Madison with their three sons.

Vice President: Steven L. Peterson, P.E.

Steve is a Senior Project Manager and Department Manager for Earth Tech's Global Water and Environmental Services Division in Sheboygan. Steve received his BSCE from UW-Platteville and is registered as a professional engineer in Wisconsin and Kentucky. He has served as a Director at Large, Branch Director and chair of the Environmental Technical Committee for the ASCE Wisconsin Sec-

tion. In addition, Steve served as Director, Secretary/Treasurer and President of the Fox River Valley Branch. While attending UW-Platteville, he served as co-chair of the speaker committee for the ASCE UWP Student Chapter. Mr. Peterson is also a member of the Water Environment Federation, American Water Works Association, and Technical Association of the Pulp & Paper Industry (TAPPI). He is active in his local community with the Sheboygan Chamber of Commerce and Sheboygan Elks Lodge.

Director at Large: Ernest J. Peterson, P.E.

Ernest Peterson is the Utility/Access Management Engineer for the Wisconsin Department of Transportation. He has spent his entire professional career working at WisDOT, starting as a project engineer in design and construction at the Green Bay District Office. He later transferred to the Madison District Office where he served as Design Supervisor until 1996 when he moved into his current position. Ernie received a bachelor's and a master's degree in Civil and Environmental Engineering from UW-Madison, and a master's degree in Management from Cardinal Stritch College. Ernie is an active ASCE member and has served as Director and Arrangements Chair of the Southwest Branch.

Director at Large: Darrell J. Berry, P.E.

A past-president of the ASCE Wisconsin Section, Darrell is a Principal Engineer in the Milwaukee office of Bloom Consultants, LLC, and serves as Senior Project Manager on various transportation and bridge projects. He is also the Transportation and Construction Department Manager. Darrell received a BS degree in Civil Engineering from the UW-Madison, and an MS degree in Civil Engineering from the University of Illinois-Urbana/Champaign. He is a registered professional engineer in five states and a registered structural engineer in Illinois. He is also certified as a Value Methodology Practitioner by the Society of American Value Engineers.

Darrell has been active in ASCE throughout his career. In his college days, he was vice president of the student chapter at UW-Madison. He later served as chairman of the Wisconsin Section Structural Technical Committee, President of the Southeast Branch, and other offices. Darrell was Secretary of the Wisconsin Section from 1994 to 1996, and completed his term as Wisconsin Section President in 2001. Darrell received the 1998 Wisconsin Section ASCE Merit Award for Engineer in Consulting Practice.

August 2003 Newsletter

c/o: Ned W. Paschke, P.E.
 Madison Metropolitan Sewerage District
 1610 Moorland Road
 Madison, Wisconsin 53713

Wisconsin Section Board Meetings

Nov. 13, 2002	Neenah
Dec. 12, 2002	Milwaukee
Jan. 15, 2003	Madison
Feb. 2003	No Meeting
Mar. 27, 2003	Spring Green
Apr. 15, 2003	Wausau
May 22, 2003	Milwaukee
June 19, 2003	Madison
July 2003	No Meeting
Aug. 14, 2003	Neenah
Sept. 18, 2003	Oconomowoc

Southeast Branch Meetings

Nov. 14, 2002	West Allis, dinner with ACI
Dec. 19, 2002	Marquette Univ., lunch w/ ESM
Jan. 22, 2003	UWM, scholarship fundraiser dinner
Feb. 11, 2003	Milwaukee, Engr.-of-Year banquet, with ESM
Apr. 17, 2003	Marquette Univ., lunch w/ ESOM
May 15, 2003	Lunch meeting
Jun. 19, 2003	Dinner, location TBA, past-presidents and spouses night
July, 2003	Field trip, TBA
Aug., 2003	No meeting
Sept. 19, 2003	Annual Meeting, Oconomowoc

*TBA = to be announced

Fox River Valley Branch Meetings

Dec. 2002	No meeting this month
Jan. 16, 2003	Manitowoc
Feb. 19, 2003	Appleton
Apr. 22, 2003	Oshkosh
May 21, 2003	Green Bay, Golf Outing
Sept. 19, 2003	Annual Meeting, Oconomowoc

NW Branch Meetings

Nov. 19, 2002	East side of branch
Jan. 24, 2003	Eau Claire, with WSPE
Feb. 18, 2003	Mosinee/Rothschild
Mar. 13, 2003	Lacrosse
Apr. 15, 2003	East side, with Wis. Sect. Board
May 23, 2003	Social event
Sept. 19, 2003	Annual Meeting, Oconomowoc

Southwest Branch Meetings

Nov. 21, 2002	Dodgeville, with UW-Platteville
Dec. 19, 2002	Essen Haus lunch mtg.
Jan. 23, 2003	Essen Haus lunch mtg.
Feb. 20, 2003	Joint w/ WSPE
Mar. 27, 2003	Spring Green Tech. Conference
Apr. 23, 2003	Dinner meeting
May, 2003	TBA
Sept. 19, 2003	Annual Meeting, Oconomowoc