



2012 MINNESOTA CONCRETE COUNCIL AWARDS & ANNUAL REPORT



STRUCTURAL DESIGN MERIT

INDUSTRIAL/AGRICULTURAL

ARCHITECTURAL DESIGN MERIT

TRANSPORTATION

RICHARD STEHLY INDUSTRY
ACHIEVEMENT AWARD

RICHARD STEHLY INDUSTRY ADVANCEMENT AWARD BESTOWED ON JACK GIBBONS



MCC is pleased to announce that the Richard Stehly Industry Advancement Award will be bestowed upon Jack Gibbons (Central Region Manager for the Concrete Reinforcing Steel Institute) on February 28, 2013. The Richard Stehly Industry Advancement Award was established in 2010 in honor of the late Dick Stehly. The award is intended to recognize an individual for the advancement of the cast-in-place concrete industry through service and technical expertise. Ironically, Concrete Construction magazine named both Stehly and Gibbons to their list of “influencers who are helping the industry” in 2010.

As a CRSI regional manager, Mr. Gibbons’ job is to meet with owners, engineering and architectural firms, contractor groups, and community groups to educate them on the benefits of using reinforced concrete. His responsibility is delivering the value and benefits message of reinforced concrete. He is always on the

go presenting to groups within his Midwest Region as well as all across the country. His specific focus is structural concrete; if they can sell the values and benefits of concrete construction, reinforcing steel comes along as part of the package.



Richard Stehly

Mr. Gibbons has been a tireless advocate for the Minnesota Concrete Council and cast-in-place concrete in general. In addition to his experience in presenting information on structural concrete construction and mix design to engineers, architects, and DOT’s, Mr. Gibbons brings extensive concrete construction expertise to our organization – knowledge that is of great value to the entire industry.

Mr. Gibbons is currently responsible for managing all CRSI activities in the Central Region (North Dakota, South Dakota, Nebraska, Kansas, Missouri, Iowa, Minnesota, Wisconsin and Illinois) and within the Region’s individual chapters. He has more than 30 years of experience in the concrete construction industry with several of those years focused on concrete mix design and application. He studied Communications at Southern Illinois University and spent two years serving in the United States Army. Mr. Gibbons has worked for Master Builders as their National Account Manager and for Euclid Chemical as their Director of Technical Services responsible for Technical Marketing of Concrete Specialties.

Mr. Gibbons has a long history of hands-on experience with reinforced concrete. Most notable are the ten years he spent as Director of Quality Control for Central Ready Mix in Milwaukee, Wisconsin, where he was involved in the construction of the Milwaukee Art Museum. After his stint at Central Ready Mix, Mr. Gibbons was hired as the Director of Quality Control for Prairie Materials in Chicago, Illinois. While at Prairie Materials, he worked on the concrete mix design for the Trump International Hotel & Tower Chicago. His work at Prairie also helped him to develop practical high-performance mixes, low-shrinkage mixes for slabs on ground, low heat mixes for mass concrete, high-strength concrete for structures, and self-consolidating concrete mixes.

Mr. Gibbons is a member of the American Concrete Institute (ACI) and sits on Committees 302 (Construction of Concrete Floors); 360 (Design of Slabs on Ground); and 362 (Parking Structures). He is a past President of the Milwaukee Chapter of ACI and a frequent speaker at MCC breakfast meetings.

FROM THE PRESIDENT



It has been a great privilege to serve as President of the Minnesota Concrete Council (MCC) in 2012. MCC is an extraordinary group of professionals and craftsmen who are devoted to the promotion and improvement of cast-in-place concrete construction in Minnesota. Being surrounded by so many experts who have a deep passion for excellence in concrete is a lot of fun.

MCC accomplished a lot this year:

- We offered educational activities that were targeted specifically to our members using locally and nationally renowned experts to present seven monthly education meetings and two symposiums.
- We published findings on two MCC funded research projects – an updated report on the long-term durability study and a new study on Optimum Slab-On-Grade Concrete Mixes. We also began a literature search on the increased replacement of cement with limestone.
- We provided our industry with recognition of their excellence through the MCC Awards program.
- We offered high quality webinars to provide timely training on critical concrete issues.
- We provided scholarships and other support to engineering students and concrete finishers.
- We had fun raising scholarship money at the annual Golf Outing and Big Shoot.
- We worked diligently on the retention and expansion of our membership base.
- We teamed with the PCA to co-sponsor six MN Concrete Forums throughout Minnesota to engage more diverse professionals in a wider geographical region.
- We teamed with ASCC for their Regional Conference.
- We strengthened our committee structure and membership base
- We took steps to ensure that we are financially stable for the coming years.
- We initiated the MCC Owner's Circle.

As we move into 2013, I am excited to hand the gavel to Jeff Coleman and an outstanding Board of Directors. We look forward to our role in the 2013 ACI Spring Convention in the Twin Cities, the ongoing work of the Owner's Circle and another exceptional year of educational offerings. I hope you will find additional ways to participate in and support this great organization. Thank you for honoring me with this opportunity.

Best Regards,

Keith Jacobson, P.E.
MCC President
VAA, LLC

MCC LEADERS

MCC Past Presidents

- 1989-90: Dave Pace, Cemstone Products Company
- 1991: Ed Johnson, Jesco
- 1991-92: Terry Swor, American Engineering Testing, Inc.
- 1993: Jim Paquin, CECO Corporation
- 1994: Tom Downs, BKBM, Inc.
- 1995: Pat Kinsel, Cemstone Products Company
- 1996: Daniel Kelly, Rochester Ready Mix Company
- 1997: Roger Oberg, BKBM, Inc.
- 1998: Mark Bintzler, Aggregate Industries, Inc.
- 1999: Michael Ramerth, Meyer, Borgman, & Johnson
- 2000: Bruce Wallace, Tioga, Inc.
- 2001: Kevin MacDonald, Cemstone Products Company
- 2002: Richard Dufresne, Walker Parking Consultants
- 2003: Michael Johnson, McGough Companies
- 2004: Gerard Moulzolf, American Petrographic Services
- 2005: Anthony Polusny, Meyer, Borgman & Johnson
- 2006: Tom Dykhoff, Adolfson & Peterson
- 2007: Amy Trygestad, Portland Cement Association
- 2008: Dean Stroschein, Knutson Construction Services
- 2009: Bill Frazier, AVR Inc. & Affiliates
- 2010: Terry Babcock, Construction Midwest, Inc.
- 2010-11: Dave Meyer, Lafarge Cement
- 2012: Keith Jacobson, VAA, LLC
- 2013: Jeff Coleman, The Coleman Law Firm, LLC

2012 Outgoing Board Members

- Director:* Brad Koland (Target Corporation)
- Director:* Steve Ruesink (American Engineering Testing)

2013 Board of Directors

- President:* Jeff Coleman (The Coleman Law Firm, LLC)
- Vice-President:* Josh Edwards (AVR Inc. & Affiliates)
- Treasurer:* Carl Schneeman (Walker Parking Consultants)
- Past-President:* Keith Jacobson (VAA, LLC)
- Director:* Terry Babcock (Construction Midwest)
- Director:* Randy McCullum (Aggregate Industries)
- Director:* Dave Meyer (Lafarge Cement)
- Director:* Cary Miller (McGough)
- Director:* Dan Vruno (American Engineering Testing)
- Director:* Mike Ward (Cemstone Products Company)



Coleman



Edwards



Schneeman



Jacobson



Babcock



McCullum



Meyer



Miller



Vruno



Ward

2012 MCC AWARDS PROGRAM

ARCHITECTURAL DESIGN MERIT



Radisson Blu Hotel at the Mall of America. The decision to utilize a cast-in-place hotel as the only hotel attached to the Mall of America will serve as a testament to the vitality of concrete. Many hope that the Radisson Blu will serve as a catalyst for further expansion to the Mall of America.

Project Team Members: *Owner:* Carlson Rezidor Hotel Group *Architect of Record:* Elness Swenson Graham Architects, Inc. *Structural Engineer of Record:* Meyer Borgman Johnson *General Contractor:* Mortenson Construction *Concrete Subcontractor:* Mortenson Construction *Concrete Supplier:* Cemstone Products Company

INDUSTRIAL/AGRICULTURAL



Grain Facility Expansion Buffalo Lake, MN. The existing facility at Buffalo Lake consisted of six concrete silos (four 40' diameter by 220' and two 50' diameter x 240'), two truck receiving pits with a capacity to handle 20,000 Bushel Per Hour (BPH), and a grain dryer. The upgrade added two new 20,000 BPH truck receiving pits, with two 20,000 BPH drag conveyors that feed into the boot section of a 20,000 BPH bucket elevator located 20' below grade.

Project Team Members: *Owner:* South Central Grain and Energy *Engineer of Record:* VAA, LLC *General Contractor:* CEEC, Inc. *Concrete Supplier:* Hutchinson Concrete *Concrete Subcontractor:* Wiesner Construction, Inc.

ENTRIES



Cosetta's Italian Market & Pizzeria. Renovation and expansion of the new Cosetta's Italian Market & Pizzeria is now complete. The market has been expanded to include the entire current restaurant, which houses a meat market and new bakery. The restaurant was relocated to the new building, which also contains a pastry shop and gelateria. The new Cosetta's also has a new wine shop.

Project Team Members: *Owner:* Cosetta's Italian Market & Pizzeria *Architect of Record:* Elness Swenson Graham Architects *Structural Engineer of Record:* Meyer Borgman Johnson *General Contractor:* McGough Companies *Concrete Supplier:* AVR, Inc. & Affiliates



Hazelden Adolescent and Young Adult Center. The 15-acre Hazelden campus in Plymouth sits in a quiet spot right near Medicine Lake. The expansion helps youth and families recover from addiction, but the tranquil facility isn't able to keep up with demand. The facility currently has 75 inpatient beds for those needing an extended stay, but the new addition will bump the number of beds up 107. The \$30 million expansion will also add a new gym, lecture hall and more family space.

Project Team Members: *Owner:* Hazelden *Architect & Engineer of Record:* HGA *General Contractor:* Knutson Construction *Concrete Supplier:* AVR Inc. & Affiliates

ENTRIES



Blue Lake Waste Water Treatment Plant. Cast-in-place concrete is ideal for corrosive environments such as waste water treatment plants because of its durability, flexibility and functionality.

Project Team Members: *Owner:* Metropolitan Council *Architect of Record:* Black & Veatch *Engineer of Record:* Black & Veatch *General Contractor:* Adolfsen & Peterson Construction *Concrete Supplier:* AVR, Inc. & Affiliates *Additional Participants:* Bloomington Electric



Hawkins Inc. – Rosemount Campus. Hawkins, Inc. is a local chemical distribution company which brings in raw, high-strength chemicals from national manufacturers and combines and/or dilutes them to be used for various industrial uses. The new Hawkins Rosemount Warehouse is a project consisting of a 65,000 ft² precast warehouse, small office area, exterior railroad siding and an exterior chemical storage tank farm.

Project Team Members: *Owner:* Hawkins Inc. *Engineer of Record:* Larson Engineering *General Contractor:* Knutson Construction *Concrete Supplier:* AVR, Inc. & Affiliates

STRUCTURAL DESIGN MERIT



St. Cloud Hospital East Addition. Primarily constructed of two-way cast-in-place flat slabs, the 10 story, 450,000 ft² addition to the St. Cloud Hospital is a significant concrete structure on a complex and challenging site.

Project Team Members: *Owner:* Centracare Health System *Architect of Record:* Perkins + Will *Engineer of Record:* Meyer Borgman Johnson *General Contractor:* McGough Construction *Concrete Supplier:* Knife River *Concrete Subcontractor:* Donlar Construction *Testing Agency:* Braun Intertec *Formwork Contractor:* Ceco Concrete Construction *Geotechnical Engineering:* American Engineering Testing

ENTRIES



Children's Hospital & Abbott Northwestern Mother Baby Center. Construction of the \$50 million Mother Baby Center is scheduled for the end of 2012. The 96,000 ft² building will include 24 private rooms, a 20-bed post partum unit, 13 labor and delivery rooms, three operating rooms and skyway access to Abbott Northwestern.

Project Team Members: *Owner:* Children's Hospital & Abbott Northwestern *Engineer of Record:* Palanasami & Associates *General Contractor:* Knutson Construction *Concrete Supplier:* AVR Inc. & Affiliates



Normandale Community College Ramp. The new four-level parking structure was constructed on the campus of Normandale Community College during the 2011-12 academic year on an active campus. The finished structure has a footprint of 56,000 ft², includes 725 parking stalls and a parking area of 218,000 ft². The total volume of concrete utilized was approximately 8,000 yd³.

Project Team Members: *Owner:* Normandale Community College *Architect & Engineer of Record:* HGA Architects and Engineers *General Contractor & Concrete Subcontractor:* Adolfsen & Peterson Construction *Concrete Supplier:* Cemstone Products Company



Union Depot. The 451,857 ft² project combined the restoration of an iconic building on the National Register of Historic Places with extensive demolition and infrastructure upgrades. Design details include a new main entrance for train and bus passengers, modernized train deck and a refurbished two-story concourse.

Project Team Members: *Owner:* Ramsey County Regional Railroad Authority (Owner Rep) *Architect of Record:* HGA Architects and Engineers *Engineer of Record:* URS Corporation *General Contractor:* M.A. Mortenson *Concrete Supplier:* Cemstone Products Company *Concrete Subcontractor:* Adolfsen & Peterson Construction

TRANSPORTATION



Lowry Avenue Bridge. The 80 million dollar Basket handle tied-arch bridge construction started in early 2010 and opened for traffic October 27, 2012. Total Cost \$104 million. 1,576 foot long, 107 feet wide. 10,820 yd³ of concrete was used in this project.

Project Team Members: *Owner:* Hennepin County *General Contractor:* Lunda Construction *Concrete Supplier:* Cemstone Products Company

ENTRIES



CP 12-11601 Asphalt Mill and Concrete Overlay: Valley Creek Road from Bielenberg Drive to Woodbury Drive. Aggregate Industries supplied approximately 10,000 yd³ of concrete for a 1.5 mile unbonded overlay on Valley Creek Drive in Woodbury, MN which included high early concrete to accelerate intersection openings.

Project Team Members: *Owner:* Washington County *General Contractor:* CS McCrossan *Concrete Supplier:* Aggregate Industries



Saint Paul College Parking Ramp. The parking structure first phase is constructed of architecturally pleasing brick clad precast panels and perforated metals that complement existing academic buildings. The south façade incorporates a light well to the lowest level anchored by a southeast corner elevator tower. This elevator tower incorporates ample glass for enhanced wayfinding and passive security. The central campus location of this parking structure will provide convenient parking for future campus academic buildings.

Project Team Members: *Owner:* Saint Paul College *Architect of Record:* TKDA *Engineer of Record:* Walker Parking Consultants/Engineers Inc. *General Contractor:* Knutson Construction Company

MCC COMMITTEES

As with any organization, it takes the commitment and dedication of people to actually get anything done. MCC is fortunate to have many people who are willing to give of their time and talent.

Special thanks is extended to Lynn Carlson (Fischer Sand & Aggregate) and Elaine Anderson (TCC Materials) for volunteering to help at the registration desk at each monthly breakfast meeting.

If you'd like to volunteer to be on a committee or have an interest in helping out at any of our events, please contact the MCC office.

MCC COMMITTEE CHAIRS



Edwards



Bauer



Ramerth



Vruno



Ward



Frazier



Stroschein



Swor



Clendenen



Koland

Education Committee

Josh Edwards (AVR, Inc. & Affiliates) and Greg Bauer (Braun Intertec)

Research Committee

Mike Ramerth (Meyer Borgman Johnson) and Dan Vruno (American Engineering Testing)

Membership Committee

Mike Ward (Cemstone Products Company)

Promotions Committee

Bill Frazier (AVR, Inc. & Affiliates) and Dean Stroschein (Knutson Construction)

Scholarship Committee

Terry Swor (American Engineering Testing)

Golf Committee

Mike Ward (Cemstone Products Company)

Website Committee

Josh Edwards (AVR, Inc. & Affiliates)

Big Shoot Committee

Joe Clendenen (Holcim (US) Inc.)

Owner's Circle

Brad Koland (Target Corporation)

MINNESOTA CONCRETE COUNCIL'S RESEARCH COMMITTEE UPDATE

To start 2012, the MCC Research Committee revisited the field placements from the 2005 MCC Optimum Durability Study. (This research project was initiated eight years ago to prepare our local industry for the increased use of recyclable pozzolans. The term "sustainability" was yet to emerge in our market.) This year we went back and extracted cores for compressive strength and chloride ion profiling and updated our research paper.

MCC has produced many deliverables from this study. It was published and presented at the First Sustainable Construction Materials and Technologies Conference in Coventry, England in 2007. Mike Ramerth presented the information from the study at both the 55th and 57th Annual Concrete Conference at the University of Minnesota. The work has also been published in several local publications and at MCC seminars.

MCC also teamed up with Target Corporation to gain pertinent knowledge about optimizing concrete proportioning to minimize curling, maximize finishability and improve sustainability via a Slab on Ground Research Study. Two very exciting things happened with regard to this research. First, it was published in Concrete International and second, and more importantly, the concrete was successfully placed in not just one field study at the new Inver Grove Heights, MN Target store, but also at other large slab on ground projects.

The MCC Research Committee is currently conducting a literature search on the increased replacement of cement with limestone.

THE "OWNER'S CIRCLE" BECOMES MCC'S NEWEST COMMITTEE

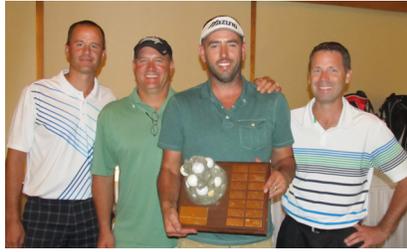
The MCC Owners Circle, chaired by Brad Koland (Target Corporation) is a resource within the larger membership group that focuses on the needs of Owners and the benefits of utilizing cast-in-place concrete for their built structures and pavements. This group is an assembly of active and engaged owners who have knowledge and experience in selecting and maintaining construction materials in their capital investment projects and who are committed to advancing the knowledge and effectiveness of cast-in-place concrete construction.

In 2012, the Owner's Circle focused on establishing a core membership within MCC's existing membership base as well as expanding the group's membership to other engaged owners within the geographic reach of MCC. The group plans to meet four times per year in conjunction with regularly scheduled MCC breakfast meetings.

2012 MCC SPECIAL EVENTS

ANOTHER SUCCESSFUL GOLF OUTING

MCC members and their guests enjoyed a beautiful warm and sunny day on Monday, August 27, 2012 at Mendakota County Club for the annual golf outing. The golf outing, which was nearly sold-out, is a fundraiser for the MCC scholarship fund. The highlight of the day was a hole-in-one made by Gary Neubauer on #2.



The first place team, with a score of 47, consisted of Josh Edwards, Bill Frazier, Jason Dufeck and Tom Johnson. Second place (50) went to Scott Jones, Jeff Hartwig, Gregg Johnson and Paul Ackerman. Gerard Moulzolf hit the longest drive on #1 and Chad Hanson hit it on #16. Closest to the pin (hole-in-one!) on #2 was Gary Neubauer and on #17 it was Keith Nault. Longest putt on #8 was Tim Mickelson and on #18 longest putt went to Marthe Brock.

The 2013 outing will be held Monday, August 26, 2013 at Mendakota Country Club.



MCC'S "BIG SHOOT" IS A BLAST!

Nearly 50 MCC members and their guests gathered at Wild Marsh Sporting Clays in Clear Lake on September 27, 2012 for the 5th Annual "Big Shoot" sporting clay event. The shooters enjoyed near perfect weather and a beautiful fall day! A chili lunch, prepared by MCC's administrator, Margaret Mills was followed by the shoot and then dinner was provided by Those Pork Chops. Good food, good weather and good fun added up to make a spectacular event!



The skill level of participants varied from advanced to beginner with some folks shooting a gun for the very first time at this event. At the end of the day, the top five shooters participated in an Annie Oakley style shoot off to determine the "Top Gun" of the day. Jack Webber (Adolfson & Peterson) went home with top honors. The other participants in the shoot off were 2011's Top Gun Neil Cooper (Mortenson), 2010's Top Gun Nick Hansen (Braun Intertec), John Maciej (QC Companies) and Greg Malzac (Mortenson).



2013 MCC BREAKFAST MEETING DETAILS

January 17, 2013 - "The Lowry Avenue Bridge and Innovative Concrete"

Paul B. Backer, P.E. - Hennepin County Transportation Department. The Lowry Avenue Bridge is an important transportation corridor and neighborhood connection in Minneapolis. Hennepin County started the design process for bridge replacement in 2007. The bridge was closed in 2008 due to known structural issues and demolished in June 2009. With the construction finally complete and the bridge open to traffic, now is the perfect time to discuss all of the innovative concrete mix designs and construction practice that went into building such a work of art.

March 21, 2013 - "An Environmental Concrete for the Lehigh Cement Plant in Leeds, Alabama"

Gary Knight, Heidelberg Technology Center. The Lehigh Hanson Leeds Alabama cement plant constructed a new three chamber 20,000 MT silo that is 240 feet tall, 80 feet in diameter and has automatic truck loading. The facility, which took about two and a half years to construct, used more than 6,200 cubic yards of concrete. The thought of using C1157 and C989 Slag Cement and being green, was far from anyone's mind. To give the new silo the greenest foot print and the longest possible life cycle, the concrete proposed for the silo was 60% C1157 performance based cement with 10% interground limestone and the addition of 40% Slag with a low water cement ratio. A hundred year durable concrete can be expected with this combination of cementitious materials. This will be a joint meeting with CPAM.

May 16, 2013 - "Changes to LEED and Practical Contractor Tips for LEED Projects"

Julie Buffenbarger, FACI, LEED® AP BD+C - Lafarge. Climate change is one of the defining issues of the 21st century as studies show greenhouse gas emissions may more than double this century. Designers face unique challenges to select and utilize low-carbon building materials to address sustainability requirements on both private and government building and infrastructure projects. Differential durability of construction materials cause significant economic impacts, and can also affect sustainability in terms of environmental degradation, resource depletion, greenhouse gas emissions, and reduction in bio-diversity. In order to effectively address durability issues, it is important to examine the service life of the components of those structures, as well as the materials that comprise those components.

June 20, 2013 - "600 Crack Free Bridges and Expanded Joint Spacing With Type K Cement"

Ed McLean - CTS Cement. Shrinkage-compensating concrete has been successfully used in bridge decks since the 1960's. These decks exhibit very little, and often no cracking even after a decade of service. This helps prevent corrosion of the internal steel reinforcement and deterioration of the deck. The Ohio Turnpike Commission uses shrinkage-compensating concrete exclusively in all of its new bridge decks. Michigan DOT uses CTS Type-K Cement in many of their new bridge deck construction projects. Bridge decks with CTS Type-K Cement have also been constructed in Pennsylvania, New York, Wisconsin, New Hampshire, California, and elsewhere. This meeting will be co-sponsored by MnDOT.

September 19, 2013 - "Internal Curing Using Prewetted Lightweight Aggregates"

Jeff Speck - Vice President - Sales & Marketing - Big River Industries. Jeff Speck presents program on Internal Curing using prewetted lightweight aggregates. Speck, who serves as the Vice President - Sales & Marketing for Big River Industries introduces the concept of using prewetted lightweight aggregate to provide internal curing for normal weight concrete. His presentation reviews significant research results, details specific benefits provided by internal curing, and provides examples of current use projects located throughout the United States. Speck also discusses the benefits of internal curing that can make concrete a more sustainable material.

November 14, 2013 - "Improving Concrete Sustainability by Designing and Specifying for Durability"

Dr. R Doug Hooton - University of Toronto. There are many ways to reduce the carbon footprint of concrete including reduction in its Portland cement clinker content by methods including: (a) optimization of total aggregate gradations, (b) use of water-reducing admixtures, (c) intergrinding clinker with limestone, and (d) use of supplementary cementing materials (SCMs). However, the most effective way to improve sustainability of concrete structures is by making them last longer through design for durability, and by minimization of construction defects. In addition to discussing various aspects of concrete durability, this contribution will discuss the merits of performance and objective-based specifications as well as the processes required to make them work. This meeting will be co-sponsored by ICRI.

All MCC breakfast meetings are held at Midland Hills Country Club in Roseville. Cost to attend is \$15 which includes a full, hot breakfast buffet, materials and continuing education credits. MCC members and their guests may register online with a credit card via the MCC website. Or attendees may pay at the door provided they've registered prior to the meeting with the MCC office.

NEW WEBINAR PROGRAM UP AND RUNNING

Missed the last breakfast meeting and really want the information? Now you can catch up on what you've missed! In 2012, MCC recognized the need to offer web based educational programming. So now many of our breakfast meeting and symposium presentations are available either as live webinars or as archived webinars available for download. Current archived presentations include "Cold Weather Concrete and Changes to ACI 360- 10" (Steve Morrical - Holcim (US) Inc.), presentations from the decorative concrete symposium and a presentation titled "When Bad Things Happen to Good Concrete" given by Dr. Thomas Van Dam, PhD, PE, FACI (CTL Group). MCC members and non-members alike can register to view these pre-recorded webinars via the MCC website.

MCC EXCELS AT EDUCATION!

In 2012, MCC's membership was offered six breakfast meetings and two half-day symposiums that were headlined by nationally recognized presenters on current, relevant topics. Since 2007, close to 4,500 MCC members and their guests have attended MCC continuing education programs.

MCC also partnered with PCA North Central to organize six Minnesota Concrete Forums across Minnesota. The forums tend to be paving-related and are directed at an audience of City and County engineers as well as MnDOT staff. The forums have been well received and several have already been scheduled for 2013.

MCC recognized a need in 2012 to begin offering access to its continuing education programs to those people who are unable to attend regularly-scheduled breakfast meetings due to the early hour and location of the events. Specifically, MCC wanted to be able to offer programming to its members located in Greater Minnesota. So, MCC's Education Committee, chaired by Josh Edwards (AVR, Inc. & Affiliates) and Greg Bauer (Braun Intertec), researched different technology for the production of web-based programming.

In September 2012, the first MCC webinar was offered live from Midland Hills Country Club during the regular breakfast meeting. Steve Morrill from Holcim (US) Inc. presented on the topic of cold weather concrete and changes to ACI 360-10. From there, MCC taped the symposium on decorative concrete in October and a presentation titled "When Bad Things Happen to Good Concrete" given by Dr. Thomas Van Dam, PhD, PE, FACI (CTL Group) in November. MCC members and non-members alike can register to view these pre-recorded webinars via the MCC website.

In 2013 MCC will offer six breakfast meeting presentations as well as one symposium. When possible, the breakfast meeting presentations and symposium will be available via live webinar or as a pre-recorded webinar. MCC has also been involved in



Mike Johnson (McGough Construction)



the planning of the Contractor Day that will be part of the ACI Convention in April that will be held in Minneapolis.

MCC SUPPORTS THE INDUSTRY VIA SCHOLARSHIPS

In 2012, MCC provided two scholarships in support of our industry. The first scholarship was granted to Brian Farmer, a concrete finisher apprentice in Tom Reger's training program at the Cement Masons Local 633 JATC. The \$500 scholarship was in the form of a MCC-funded gift certificate that could be used to purchase tools at White Cap Supply. (Each year a different construction supply member company is chosen to provide the tools.)



(L to R) Brad Klein (White Cap Supply), Brian Farmer (Scholarship Recipient) and Tom Reger (Cement Masons Local 633 JATC)

The second scholarship was provided to Matthew Fournier, who was a senior engineering student at the University of Minnesota in Duluth. The MCC-funded \$3,500 scholarship was awarded through the Minnesota Society of Professional Engineers Foundation.



(L to R) David Meyer (Lafarge Cement), Matthew Fournier (Scholarship Recipient) and Keith Jacobson (VAA, LLC)

ABOUT MCC

The Minnesota Concrete Council (MCC) is a non-profit organization that was founded in 1989. MCC is dedicated to advancing education, technical practice, scientific investigation and research into cast-in-place construction by organizing the efforts of its members for a non-profit public service. MCC's membership base represents design, construction and support industries associated with reinforced and post-tensioned concrete construction.

MCC is governed by a Board of Directors that is elected annually by voting members of the council. (Each corporate member may designate up to three voting members and each individual member is granted one vote.) Directors serve two year terms. MCC's board oversees the activities of committees and delegates the responsibility of the day-to-day operation of the council to MCC's Administrator, Margaret Mills.

MCC hosts two major social events each year (a golf outing and a sporting clay shoot), holds numerous monthly education-based breakfast meetings, conducts research and sponsors an awards program that recognizes excellence in cast-in-place concrete construction. MCC invests in the future of the industry by funding scholarships for engineering students and concrete finisher apprentices. MCC provides vital networking opportunities for industry leaders.

For additional information about MCC, visit www.mnconcretecouncil.com or contact the MCC office at 651-482-9549.

ABOUT MCC'S ADMINISTRATOR



Margaret Mills began working for MCC on a contract basis in May, 2009. Margaret is responsible for overseeing the day-to-day operations of MCC including bookkeeping, event planning, communications, and supporting the board of directors and committees.

Margaret grew up on a farm in Belle Plaine, Minnesota. She is a 1992 graduate of Buena Vista University where she earned a Bachelor of Arts degree in English and Speech Communication. She worked in residential real estate in Seattle right out of college and then spent time as the Program Director of the Piqua Area Chamber of Commerce in Piqua, Ohio. After relocating back to Minnesota, she began work for the Aggregate & Ready Mix Association of Minnesota and the Minnesota Concrete Masonry Association. In addition to her work with MCC, Margaret also currently provides support on a contract basis to PCA North Central and PCI Midwest.

Margaret lives and offices from her home in Rosemount. She's been married to Larry for 20 years and has one son who is a freshman at Rosemount High School.

MEMBERSHIP COMMITTEE UPDATE

MCC's Membership Committee works hand-in-hand with MCC's board of directors to find ways to insure that current members are gaining as much value from their membership as possible. At the same time, the Membership Committee is also dedicated to expanding MCC's membership roster.

If you are interested in "upgrading" to a sponsorship level, or if you would like to recommend a company or an individual as a potential member, contact the MCC office at 651-482-9549.

MCC's current membership levels include:

Platinum Sponsorship (\$1,000)

Includes a full corporate membership and corresponding benefits (\$375 value). Also includes one complimentary registration to each monthly breakfast meeting (\$90 value) and one complimentary symposium registration (\$50 value). Platinum sponsor logos and links to their websites are posted on the MCC website and in the online membership directory. The Platinum Sponsorship includes complimentary table top displays at all breakfast meetings and symposiums (\$300 value) and a sponsor project profile or company profile slide in the pre-meeting slideshows at breakfast meetings and symposiums.

Silver Sponsorship (\$500)

Includes a full corporate membership and corresponding benefits (\$375 value). The Silver Sponsorship also includes one complimentary symposium registration (\$50 value) and complimentary table top displays at all breakfast meetings. Silver Sponsor logos and links to their websites will appear on the MCC website and

their logos will appear in the online directory and on a slide in the pre-meeting slideshows at breakfast meetings and symposiums.

Corporate Membership (\$375)

Corporate members are entitled to have three voting members represent their company in all MCC elections. Corporate members are entitled to have a full company/employee listing in the MCC online directory.

Individual Membership (\$100)

Individual members are given a single vote in all MCC elections and are given an individual listing in the MCC online directory.

For a membership application, contact the MCC office at 651-482-9549 or download from the MCC website by visiting <http://www.mnconcretecouncil.com/members/become-a-member/>

CONTACT MCC

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margaret@mnconcretecouncil.com • 651-206-8036 (cell)



MCC SCHOLARSHIP FUNDRAISERS

MCC's two major social events, the golf outing and the sporting clay shoot, are also the primary sources of funding for MCC's scholarship program. If you're not a golfer or a shooter, you're still welcome to attend the events. MCC is also always looking for volunteers to help. If you're interested in volunteering at the golf outing or the Big Shoot, or at any other MCC event, contact Margaret at the MCC office – 651-482-9549.

MCC Annual Golf Outing
Monday, August 26, 2013
Mendakota Country Club

MCC Big Shoot
Wednesday, September 25, 2013
NEW LOCATION
Minnesota Horse & Hunt Club



2013 MCC SPECIAL EVENTS

SAVE THE DATE!

MCC has a variety of educational, networking and social events planned for 2013. Here's a preliminary look at what's on the calendar in 2013. Remember, dates, times and locations are subject to change. Registration information is always available at www.mnconcretecouncil.com and we're always looking for sponsors for our events. All events are at Midland Hills Country Club unless otherwise indicated.

January

17 Breakfast Meeting

February

14 Board Meeting

28 Awards Program

March

12 Executive Committee Meeting

14 Board Meeting

21 Breakfast Meeting

April

11 Board Meeting

16 ACI Contractor Day at Hilton
Downtown Minneapolis

May

9 Board Meeting

16 Breakfast Meeting

16 Owner's Circle

June

13 Board Meeting

20 Breakfast Meeting

July

11 Board Meeting

August

8 Board Meeting

26 Golf Outing at Mendakota
Country Club

September

12 Board Meeting

19 Breakfast Meeting

25 Clay Shoot at MN Horse &
Hunt Club

October

10 Symposium

17 Board Meeting

November

7 Board Meeting

14 Breakfast Meeting

21 MCC Awards Program Entry
Deadline

2012 MCC MEMBERSHIP ROSTER

PLATINUM SPONSORS

Adolfson & Peterson Construction
American Engineering Testing
AVR, Inc. & Affiliates
BASF Admixtures
Cemstone Products Company
The Coleman Law Firm, LLC
Enduracon Technologies
Holcim (US) Inc.
Knutson Construction
Lafarge Cement
Meyer, Borgman & Johnson, Inc.
TK Products
VAA, LLC

SILVER SPONSORS

Brett Admixtures
Brock White Company
CECO Concrete Construction
Euclid Chemicals
Temp-Air, Inc.
WR Grace

CORPORATE MEMBERS

Advance Shoring Company
Aggregate Industries
ASDCO
Bay & Bay Transfer
BKBM Engineers
Braun Intertec
Buildings Consulting Group
Carroll Construction Supply
Ceramic Industrial Coatings
Concrete Inc.
Concrete Science
Construction Heaters, Inc.
Construction Midwest, Inc.
Construction Results Corporation
Concrete Paving Association of MN
Element Materials Technology
Garage Floor Coatings of Minnesota
Gary Carlson Equipment Rental
GCC Cement
GRT Admixtures
Hanson Structural Precast, Inc.
Headwaters Resources
HGA

JE Dunn Northcentral, Inc.
K Johnson Construction
Kasella Concrete, Inc.
Knife River
Laborers District Council
Lehigh Cement Company
Lightweight Distributing
Maertens-Brenny Construction
Marshall Concrete
McGough
Modern Ready Mix
Mortenson Construction
Operating Engineers Local No 49
PCL Construction Services, Inc.
Polygon
Prism Pigments
Propex Concrete Solutions
Rebarfab
Roadware, Inc.
Rochester Ready Mix Concrete Co
Ryan Companies
Shaw Lundquist Associates
Simcote, Inc.
Solomon Colors
Stockness Construction
Target Corporation
Terracon
Tioga Air Heaters
Walker Parking Consultants
White Cap Construction Supply

INDIVIDUAL MEMBERS

Adams, Chris – Tennant Company
Alms, Steve – Hank's Specialties
Bartz, Ralph
Baumann, Bruce – Anchor Block Company
Benson, Ron – Stantec
Bieniek, Steve – Alvin E Benike
Botzek, Gary – MC&MCA
Buller, Bill – Ericksen Roed & Associates
Burns, Doug – PCA North Central
Corrigan, Fred – ARM of Minnesota
Dwyer, Eugene – LS Engineers
Galey, Dave
Gehring, John – Pagel-USA Specialty
Concrete
Hall, Bill – Ardex
Hareland, John – Palanisami

Haydon, Brian – TKDA
Jackson, Bill – Beacon Construction
Johnson, Raoul – Superior Concrete Block
Kangas, Kevin – Landscape Structures
Kourajian, Paul – Molin Concrete Products
Lindner, Ralph – GeoTek
Loeffler, Jim – MF Cachat Company
MacDonald, Cliff – FORTA
MacDonald, Kevin – Beton Consulting
Malm, Lucas – Wiss, Janney, Elstner
Associates
McCalla, Mac
McConkey, Jim
Nelson, Carl – ESI Engineering
Nicholson, Dave – Maxxon Corporation
Olson, Douglas – CyCon
Opheim, John – LS Black Constructors
Pashina, Brian – Wiss, Janney, Elstner
Associates
Pederson, David – ESI Engineering
Peterson, Scott – Black-Star Contracting
Reger, Tom – Cement Masons Local JATC
633
Schamber, Arlen – Hormel Foods
Scheglowksi, Vlad – Clark Engineering
Corp
Schreifels, Scott – Restoration Technologies
Stier, April – PCA North Central
Swenson, Cliff – Minneapolis Parks & Rec
Thomes, Mike
Trout, John – Hellmuth & Johnson
Trygestad, Amy – Chase Engineering
Tufts, Randy – Anchor Block
Vancura, Mary
Vogen, Noel – Vogen Consulting
Young, Mike – CyCon
Young, Vikki – Tennant Company

**MCC APPRECIATES THE CONTINUED
FINANCIAL SUPPORT OF THE PORTLAND
CEMENT ASSOCIATION NORTH CENTRAL.**



PCA
North Central
REGIONAL OFFICE