



# 2016 MINNESOTA CONCRETE COUNCIL AWARDS & ANNUAL REPORT



STRUCTURAL DESIGN  
MERIT

INDUSTRIAL/AGRICULTURAL



PAVEMENTS

TRANSPORTATION  
INFRASTRUCTURE



ARCHITECTURAL FLOORING  
OR HARDSCAPE

RICHARD STEHLI INDUSTRY  
ADVANCEMENT AWARD

## FROM THE PRESIDENT



What an amazing year at MCC and an exciting year to be president! My appreciation goes out to the entire board, committee chairs and volunteers for their hard work and dedication. The success of MCC is hallmarked by the leadership of this passionate and experienced group of industry professionals. Member involvement is truly what makes this council work. Of course, a special thank you to Margaret Mills for her unwavering guidance and patience with new and experienced leaders in this council for the past eight years.

There were many highlights in 2016 including almost 1,500 people attending our education programs and tours. The growing attendance at these events demonstrates the continued high quality programs MCC provides. This success would not be possible without the commitment and vast network of our committee chairs and volunteers in charge of these events. A quick note about the education program: in 2009, the average breakfast meeting had about seventy attendees per meeting. In 2016, we averaged 120 attendees per meeting!

In addition to a great education program, our scholarship program saw unprecedented fundraising success from our Golf Outing and Big Shoot events. The Golf Outing sold out in forty-five minutes this year, which is practically getting to be the norm. Over \$10,000 was raised for the scholarship fund between these two events alone. MCC awarded over \$7,500 in scholarships in 2016 with plans to expand this program in 2017.

I would be remiss if I didn't mention the work done by the website committee this year. As a primarily event- and networking-based association, staying current with our event management software (Cvent) and website has become critical in maintaining our reach to existing members and expanding our reach to prospective members. Our new website will be a robust repository of information for MCC members and a platform to show our appreciation to our sponsors. Our hope is that the website will be a place you can go for all things related to MCC, including a calendar that will keep you up-to-date with MCC events and meetings in which you can participate.

There is so much more to talk about what's going on at the Minnesota Concrete Council that you'll just have to get involved to learn all about it! It has been a pleasure and an honor to be president of MCC in 2016 and I look forward to supporting the next group of leaders as they take the MCC into the future.

Sincerely,

Greg Bauer, PE  
Concrete Paving Association of Minnesota

### CONTACT MCC

Minnesota Concrete Council, PO Box 116, Rosemount, MN 55068  
[www.mnconcretecouncil.com](http://www.mnconcretecouncil.com) • 651-482-9549 (office)

Margaret Mills, Administrator • [margaret@mnconcretecouncil.com](mailto:margaret@mnconcretecouncil.com) • 651-482-9549



# 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 was created to bring proven methods and new ideas together, and to educate its members on how to improve the quality and use of concrete in our structures, and to educate decision-makers on the benefits of quality concrete construction. MCC's first educational meeting in 1989 consisted of about 20 people. Currently, MCC's continuing education monthly breakfast meetings provide quality education and networking opportunities to 125 or more industry professionals each month.

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 and laborer apprentices. MCC provides vital networking opportunities for industry leaders.

For additional information about MCC, contact the MCC office at 651-482-9549 or visit [www.mnconcretecouncil.com](http://www.mnconcretecouncil.com).

## ABOUT MCC'S ADMINISTRATOR



Margaret Mills

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 is a native of Belle Plaine, Minnesota and 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 later as the Program Director of the Piqua Area Chamber of Commerce in Piqua, Ohio. After relocating back to Minnesota, she was employed by the Aggregate & Ready Mix Association of Minnesota and the Minnesota Concrete Masonry Association. In addition to her contract with MCC, Margaret also currently provides support to PCI Midwest, The Coleman Law Firm and others.

# MCC LEADERS

(Companies listed were current during term and may have changed in subsequent years)

## MCC Past Presidents

- 1989-90: Dave Pace (Cemstone Products Company)
- 1991: Ed Johnson (Jesco)
- 1991-92: Terry Swor, PG (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, PE (Meyer, Borgman, & Johnson)
- 2000: Bruce Wallace (Tioga, Inc.)
- 2001: Kevin MacDonald, PhD, PE (Cemstone Products Company)
- 2002: Richard Dufresne (Walker Parking Consultants)
- 2003: Michael Johnson (McGough Companies)
- 2004: Gerard Moulzolf, PG (American Petrographic Services)
- 2005: Anthony Polusny (Meyer, Borgman & Johnson)
- 2006: Tom Dykhoff (Adolfson & Peterson)
- 2007: Amy Trygestad, PE (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, PE (VAA, LLC)
- 2013: Jeff Coleman, PE (The Coleman Law Firm, LLC)
- 2014: Josh Edwards, PE (AVR Inc. & Affiliates)
- 2015: Mike Ward (Cemstone Products Company)
- 2016: Greg Bauer, PE (Concrete Paving Association of Minnesota)
- 2017: Murphy Curran, PE (Meyer, Borgman & Johnson)

## MCC Past Treasurers

- Ed Curtiss (Knutson Construction Services)
- Ken Peterson (HGA)
- Carl Schneeman, PE (Walker Parking Consultants)
- Gary Hahn, PE (Walker Parking Consultants)

## 2017 Board of Directors

- President:* Murphy Curran, PE (Meyer Borgman Johnson)
- Vice-President:* Gary Hahn, PE (Walker Parking Consultants)
- Treasurer:* Josh Edwards, PE (AVR, Inc & Affiliates)
- Past President:* Greg Bauer, PE (Concrete Paving Assoc. of Minn.)
- Directors:* Alfred Gardiner, PE (Braun Intertec); Thor Heimdahl, PE, SE; Brett Heinlein (Continental Cement); Mike Johnson (Cemstone Products Company); Patrick Sims (Adolfson & Peterson Construction); April Stier (GCC)



Bauer



Curran



Edwards



Gardiner



Hahn



Heimdahl



Heinlein



Johnson



Sims



Stier



# 2016 MCC AWARDS PROGRAM

## ARCHITECTURAL FLOORING OR HARDSCAPE



**The Commons.** The Commons is a 4.2 acre, new public green space in downtown Minneapolis bounded by Park Avenue and 4th & 5th Streets. The Commons was designed as a place for respite, everyday activities, and events for residents, workers, and visitors. The Commons is without question a game changer for this urban neighborhood and for Downtown Minneapolis overall. In short, the mixed-use development Ryan assembled around The Commons would not have been successful without The Commons Park

**Project Team Members:** *Owner:* Minneapolis Park & Recreation Board *Landscape Architect of Record:* Hargreaves Associates *Structural Engineer of Record:* BKBM Engineers *General Contractor:* Ryan Companies US, Inc. *Concrete Subcontractor:* Ryan Companies US, Inc. (Self Performed Work) *Concrete Supplier:* Aggregate Industries *Additional Participants:* American Engineering & Testing (AET), Best Steel Erectors, Twin City Concrete Pumping, Harris Rebar – Ambassador Steel, North Country Concrete, Inc., Advance Shoring & Dayton Superior (Symons), Acme, Advance Specialties, ASDCO, Brock White, Cemstone Contractor Supply, Courtland Construction Supply, CMI, ESCH, Shaw Stewart Lumber and Ziegler Cat. *Location:* Minneapolis, MN



**Aurora on France.** Aurora on France sits at the corner of France Avenue and 65th Street in Edina. The close proximity to the hospital provides residents with easy accessibility to important healthcare services, such as a Pharmacy located right off the skyway system. Additional amenities for the new facility include heated, underground parking, restaurant style dining, multiple community rooms, fitness center, movie theater, hair salon, and a fantastic exterior colored concrete patio on the roof.

**Project Team Members:** *Owner:* Ebenezer - Fairview Health Services *Architect of Record:* Edward Farr Architects Inc. *Engineer of Record:* Paulson & Clark Engineering Inc. *General Contractor and Concrete Contractor:* Adolfson & Peterson Construction *Concrete Supplier:* AVR Inc. & Affiliates *Location:* Edina, MN



**Hyatt Regency Hotel.** Hyatt Regency Bloomington-Minneapolis is one of only a few hotels in the city with access to a park and outdoor spaces for entertaining, dining and celebrating, and the Blue Line Light Rail is a quick walk through the park. As part of the Hyatt Regency brand family, the contemporary hotel offers 303 guestrooms, including 14 suites, and is designed to foster connections and serve as a dynamic, energizing space where guests can collaborate, share and find inspiration.

**Project Team Members:** *Owner:* Aimbridge Hospitality *Architect of Record:* Elness Swenson Graham Architects *Engineer of Record:* Paulson & Clark Engineering Inc. *General Contractor and Concrete Contractor:* McGough Construction *Concrete Supplier:* AVR Inc. & Affiliates *Location:* Bloomington, MN



# STRUCTURAL DESIGN MERIT

1<sup>ST</sup>  
PLACE



**US Bank Stadium.** US Bank Stadium is the largest public works project in MN history at 1.75 million ft<sup>2</sup>. (The Metrodome was 900,000 ft<sup>2</sup>.) The seven-level superstructure consists of precast concrete seating units & cast-in-place concrete frames & concourses. The project incorporated 115,000 CY of ready mix concrete. The stadium was anchored by a ballast/column system comprised of mass concrete, supporting the steel truss "backbone" of the roof structure. Concrete was pumped up to 30 stories (via pump to pump) for some structural elements.

**Project Team Members:** *Owner:* MSFA *Architect of Record:* HKS Sports & Entertainment Group *Engineer of Record:* Thornton Tomasetti *General Contractor and Concrete Subcontractor:* Mortenson Construction w. Thor Construction *Concrete Supplier:* Cemstone Products Company *Location:* Minneapolis, MN



**Amazon Fulfillment Center.** As online shopping has evolved and become more popular, Seattle-based Amazon decided to construct a new distribution center in the region. The new distribution center means more items will be available for two-day delivery under the retailer's Prime membership, and eventually the company could offer same day delivery in an effort to get items to customers' doorsteps faster. The facility employs 1000+ full time positions who will work alongside 100's of robots. The project consisted of the construction of a new 2.3M ft<sup>2</sup> dry goods warehouse that services online orders in the Midwest.

**Project Team Members:** *Owner:* Seefried Properties, Inc. *Architect of Record:* Macgregor Associates Architects *Structural Engineer of Record:* HSA & Associates, Inc. *General Contractor:* Ryan Companies US, Inc. *Concrete Supplier:* Aggregate Industries *Concrete Subcontractor:* Ryan Companies US, Inc. and Northland Concrete & Masonry Co. *Additional Participants:* Braun Intertec *Location:* Shakopee, MN



**Mall of America Phase IC.** MOA Phase IC is a new \$325 million expansion at the existing Mall of America in Bloomington, MN. The approximate 1.1 million ft<sup>2</sup> expansion on the North side of the mall completely covers the area to the south of Lindau and extends from the water table to the FAA height limitation. A 271,000 SF three-level mall addition, a new 332 key JW Marriott luxury hotel and a 181,000 SF multi-story class "A" office building above the retail portion. Two levels of underground parking, adding a total of 545 stalls. The expansion includes a 100' x 150' atrium free of columns with domed skylight, a 160' x 105' ballroom and a suspended pool.

**Project Team Members:** *Owner:* Triple Five Worldwide *Architect of Record:* DLR Group *Engineer of Record:* ERA (Ericksen Roed & Associates) *General Contractor:* Mortenson Construction *Concrete Supplier:* Cemstone Products Company *Location:* Bloomington, MN



**maurices Corporate Office.** maurices is an 11-story post-tensioned cast-in-place concrete and steel office building with integrated parking, located in the heart of downtown Duluth. Owned by maurices and the City, it is the largest development in Duluth.

**Project Team Members:** *Owner:* maurices (office building and property) and City of Duluth (parking ramp) *Owner's Representative:* Tegra Group (maurices) and Walker Parking (parking ramp) *Architect of Record:* RSP Architects *Engineer of Record:* Meyer Borgman Johnson *General Contractor and Concrete Contractor:* McGough Construction *Concrete Supplier:* Arrowhead Concrete Works *PT Supplier:* Amysco *Rebar Supplier:* Rebarfab Testing and Special Inspections *Foundations:* American Engineering Testing *Construction Materials:* Golder Associates *Iron Workers:* Bald Eagle Erectors *Location:* Duluth, MN

# PAVEMENTS



**Woodley Street Reconstruction.** This project was a full reconstruction of a multi-jurisdictional road segment utilizing Municipal, County, State and Federal Funds. The City of Northfield and Rice County were awarded Federal Funds from the Surface Transportation Program (STP) for a concrete white-topping/unbonded overlay project. After additional investigation into the condition of the underlying existing utilities, the scope

of the project was changed to a complete reconstruction project scheduled for the 2017 construction season.

**Project Team Members:** *Owner:* City of Northfield/Rice County *Engineer of Record:* Bolton and Menk *General Contractor:* Ryan Contracting *Concrete Supplier:* Cemstone Products Company *Concrete Subcontractor:* Hoffman Concrete *Location:* Northfield, MN



**Dahlheimer Beverage.** A distributor since 1959, Dahlheimer Beverage needed to expand its facility. The new addition in Monticello added 200,000 sf of interior storage and 90,000 sf of 6" exterior concrete pavement.

**Project Team Members:** *Owner:* Dahlheimer Beverage *Architect of Record:* HDA Architects *Engineer of Record:* Alper Audi Inc. *General Contractor:* Kraus Anderson Construction Company *Concrete Contractor:* Gresser *Concrete Supplier:* AVR Inc. & Affiliates *Location:* Monticello, MN



**SMSC Local Road Ways Plan A.** SMSC Casino Local Roadways – We poured 2,116.5 cubic yards of concrete at the main entrance of the casino including sidewalks, v-curbs, pedestrian ramps, retaining wall footings, and maintenance strips

**Project Team Members:** *Owner:* Shakopee Mdewakanton Sioux Community *Engineer of Record:* Bolton and Menk, Inc. *General Contractor:* Northwest Asphalt *Concrete Supplier:* Cemstone Products Company *Concrete Subcontractor:* Rice Lake Construction Group *Location:* Prior Lake, MN



# TRANSPORTATION INFRASTRUCTURE

1<sup>ST</sup>  
PLACE



**Mills Fleet Farm Parking Ramp (MSFA Parking).** This 1,610-stall, 6-level, 500,000 ft<sup>2</sup> post tensioned cast in place concrete parking garage opened to the public in early January 2016 as part of the \$975 million stadium development. This parking ramp, as well as the sky-bridges and internal skyways connecting the Wells Fargo office towers to the downtown core and to US Bank Stadium, are all a part of the Minnesota Sports Facilities Authority's US Bank Stadium development.

**Project Team Members:** *Owner:* Metropolitan Sports Facilities Authority *Architect of Record:* Ryan A+E, Inc. *Structural Engineer of Record:* Ericksen

*Roed & Associates General Contractor:* Ryan Companies US, Inc. *Concrete Supplier:* Aggregate Industries *Concrete Subcontractor:* Ryan Companies US, Inc. (Self Performed Work) *Additional Participants:* CECO Concrete Construction, American Engineering & Testing (AET), Woody's Rebar, Twin City Concrete Pumping, Amsysco, Harris Rebar – Ambassador Steel, North Country Concrete, Inc., Advance Shoring, Dayton Superior (Symons), EFCO & PERI, Acme, Advance Specialties, ASDCO, Brock White, Cemstone Contractor Supply, CMI, ESCH, GMI Engineered Products, Logistics Planning Services (LPS), Scaffold Service Inc., Shaw Stewart Lumber, Truck Crane Service, Ziegler Cat, United Rentals, Tioga Heaters & OnSite Heat. *Location:* Minneapolis, MN



**Minnesota Highway 610.** Highway 610 is a vital east-west link for the growing suburbs – the construction of the final 2.5-mile segment will connect I-94 in Maple Grove to Highway 169 in Brooklyn Park and serve as a relief valve for the heavily congested I-94. In addition, Highway 610 provides opportunities for continued commercial and industrial expansion along the corridor.

*Owner:* Minnesota Department of Transportation *Architect of Record:* TKDA *Engineer of Record:* WSB & Associates *Concrete Contractor:* Lunda Construction Company *Concrete Supplier:* AVR Inc. & Affiliates *Testing Agency:* American Engineering Testing *Location:* Maple Grove, MN



**Winona Bridge.** The Winona Bridge crosses over the Mississippi River in Winona, Minnesota and connects Minnesota Truck Highway 43 with Wisconsin Trunk Highway 54. The new bridge was constructed just upstream from the original steel truss bridge; which was erected in 1942, recently rehabilitated and repurposed by dedicating the two 12 foot lanes for one way traffic to the north. The new bridge is 2,789 feet in length and required 24,000 cubic yards of cast-in-place concrete. The new structure now dedicates two 12 foot lanes for traffic traveling south from Wisconsin to Minnesota.

**Project Team Members:** *Owner:* MnDOT *Engineer of Record:* Figg Engineering *General Contractor:* Ames Construction, Inc. *Concrete Supplier:* Modern Ready Mix *Testing Agency:* American Engineering Testing, Inc. *Location:* Winona, MN

## INDUSTRIAL/AGRICULTURAL

1<sup>ST</sup>  
PLACE



**Brooklyn Center Water Treatment Plant.** The new 10MGD Brooklyn Center Water Treatment Plant, completed in January 2016, was upgraded to not only meet new requirements, but now has the capability to allow visitors to view the treatment process.

**Project Team Members:** *Owner:* City of Brooklyn Center *Architect of Record:* Wilkus Architects *Engineer of Record:* Bolton & Menk *General Contractor and Concrete Subcontractor:* Knutson Construction *Concrete Supplier:* AVR Inc. & Affiliates *Location:* Brooklyn Center, MN



OTHER ENTRIES

**Japs Olson.** Japs-Olson needed to expand its industrial facility at the northwest quadrant of Excelsior Boulevard and Meadowbrook Road. The major commercial printer and direct mail company added 192,000 sf of production and warehouse space to its existing 513,000 ft<sup>2</sup> building which is expected to result in approximately 150 new jobs. Since the proposed expansion site bisects property located in St. Louis Park and Hopkins the two cities site completed a municipal boundary adjustment to facilitate the project.

**Project Team Members:** *Owner:* Japs Olson *Architect of Record:* Steven Fichtel Architects *Engineer of Record:* VAA, LLC. *General Contractor:* D.J. Kranz Company *Concrete Contractor:* Kelleher Construction *Concrete Supplier:* AVR Inc. & Affiliates *Location:* St. Louis Park, MN

**St. Francis Wastewater Treatment.** The City of St. Francis's existing plant was built in the 1970s and upgraded in 2000 and was not equipped to address existing and future regulations regarding ammonia and phosphorus. It also needed to be expanded to provide additional capacity for the city's growth. The new \$20 million treatment facility will add to the existing wastewater treatment location, including a new lift station and new treatment components. The project also involves closing the facility's discharge outfall to the Rum River and expanding its discharge to Seelye Brook.

**Project Team Members:** *Owner:* City of St Francis *Engineer of Record:* Bolton & Menk *General and Concrete Contractor:* Gridor Construction Inc. *Concrete Supplier:* AVR Inc. & Affiliates *Location:* St. Francis, MN



# RICHARD STEHLY INDUSTRY ADVANCEMENT AWARD BESTOWED ON TOM REGER



Tom Reger began his construction career in the early 80's in the "Blacktop" industry. He began his Union Career as a laborer for nine years, then became a cement mason in the late 80's. He has now served the "Concrete Industry" for well over 30 years. In that career he has touched literally 1,000's of people in this field. He's had an impact on numerous MCC members and others in the cast-in-place concrete industry – from contractors to suppliers, field workers, and Unions.

Tom has worked for many Contractors, spending time

at Jesco, McGough, along with running work for others. The most notable project he worked on was the "Mall of America." (Ramp Rats)

Tom was Local 633 Vice President, and Pension Trustee for many years serving his Local. Most notable is his position in Education as an Apprentice instructor and many years as Coordinator. He has been responsible for teaching Apprentices the Concrete fundamentals, as well as Safety Training for many Journey persons as well, in the Building Trades nationwide. Tom has been instrumental in setting and teaching standards that prevail across our nation today! Tom has seen at least 1,000 Apprentices come through Local 633 and at least half are Members to this day. Helping people build their careers in the construction industry is a passion of his, helping all to succeed in productive and safe careers.

Tom is a Master Safety Trainer for Local 633 and the OPCMIA Int'l, traveling across the country teaching OSHA and Permit Required Confined Space. He is more recently a Board Member of the OPCMIA Int'l Training Trust fund. As most of us know, Tom is highly respected in the Training and Safety Communities both locally and nationally.

Tom chaired the MCC Big Shoot Sporting Clays event committee that helped to raise money for the MCC scholarship fund. He has been an active and avid supporter of MCC over the years and continues to offer his help and expertise on a regular basis.

Those who know Tom will never forget his voice or his jokes. After Tom meets a person, he never forgets them. Tom's legacy to the cast-in-place concrete industry will never be forgotten. Help us congratulate Tom as the fifth recipient of the Richard Stehly Industry Advancement Award.

## Previous Winners



Richard Stehly - 2010



Jack Gibbons - 2012



Terry Swor - 2013



Jeff Coleman - 2016



# 2016 MCC EVENTS

## GOLF OUTING SELLS OUT IN RECORD TIME – AGAIN.

In 2014, the MCC golf outing stunned everyone by selling out in four hours. The shock was even greater in 2015 when the golf outing sold out in less than two hours more than three months in advance of the event. So it was really no surprise when the 2016 golf outing sold out in less than 45 minutes.

Golfers enjoyed a fantastic day on Monday, August 22 at Mendakota Country Club in Mendota Heights. The golf outing, which is a scholarship fundraiser for MCC, raised over \$3,100 via the generosity of those present at the event.



## THE BIG SHOOT IS BECOMING A BIG DEAL!

The Big Shoot Sporting Clays event began in 2008 as a scholarship fundraiser for MCC. That first event had 32 people in attendance and it raised about \$875 for the scholarship fund. Fast forward to 2016... 124 people were registered to attend the 2016 event and together, they raised \$6,400 for the scholarship fund!

September 22 was a beautiful day for shooting clays! Participants spent the afternoon networking and having a blast and then gathered for a pig roast dinner. This event will be hard to top!





## DAKOTA COUNTY AGGREGATES AND READY MIX TOUR

How is concrete made? 90 MCC members and their guests learned all about the process - from aggregate production to ready mix batching to aggregate site reclamation - on a tour of Dakota County aggregate and ready mix concrete operations. The lowlight (and funny) part of the tour was when one of the tour buses got stuck in the sand at the aggregate facility. The highlight (and fun) part of the tour was the networking that happened at the conclusion of the event at The Crooked Pint.



## 2017 MCC EVENTS

**SAVE THE DATE!** MCC has a variety of educational, networking and social events scheduled for 2017. Registration information and final details are available on the MCC website. We're always looking for sponsors! All continuing education programs are open to guests, so please feel free to bring a friend.

### January

11 – Board of Directors Meeting  
19 - Breakfast Meeting

### February

1 – Younger Members Event  
9 - Board of Directors Meeting  
14 – MN Concrete Forum  
16 - Breakfast Meeting  
28 – MN Concrete Forum

### March

9 - Board of Directors Meeting  
14 – MN Concrete Forum  
16 - Symposium

### April

13 - Board of Directors Meeting  
20 - Awards/Annual Meeting  
26 – MnRoad Tour  
27 – MN Concrete Forum

### May

11 - Board of Directors Meeting  
18 - Breakfast Meeting

### June

8 - Board of Directors Meeting  
15 - Breakfast Meeting

### July

13 - Board of Directors Meeting

### August

10 - Board of Directors Meeting  
21 - Golf Outing

### September

14 - Board of Directors Meeting  
21 - Breakfast Meeting  
28 - Clay Shoot

### October

11 - Symposium  
12 - Board of Directors Meeting

### November

9 - Breakfast Meeting  
16 - Board of Directors Meeting

### December

14 - Board of Directors Meeting

# MCC SCHOLARSHIP PROGRAM

The MCC Board of Directors and membership is dedicated to supporting our industry via scholarships.

In 2016, MCC funded a \$4,000 scholarship for Laura Hart, a Civil Engineering student from the University of Minnesota, Duluth. Hart, who was scheduled to graduate in the Fall of 2016, spent time in Santiago, Chile as an intern for SRK Consulting doing rock fall analysis, preparing and editing reports and organizing field data.

MCC also funded a \$1,500 scholarship for Alec Pietz, a Civil Engineering student at Minnesota State University, Mankato. While in school, Alec worked for I+S Group, a civil engineering firm based in Mankato.

\$500 scholarships were also awarded to Cody Kulman, an apprentice with the Construction Craft Laborers' Apprenticeship Program and to Geoffrey Boeck, an apprentice with the Cement Masons Local 633 JATC. The scholarships were in the form of \$500 gift certificates to MCC contractor supply member companies.

The MCC Scholarship Committee, in reaction to the upward trend of funds being raised in support of the MCC scholarship fund, will be working on starting a scholarship that will be given solely under the direction of MCC. For additional information on the MCC scholarship program, please contact Margaret Mills, MCC's Administrator – [margaret@mnconcretecouncil.com](mailto:margaret@mnconcretecouncil.com).



Keith Jacobson, Laura Hart and Dave Meyer



Darrick Nystrom, Geoffrey Boeck and Tom Reger



Dean Mills, Cody Kulman and Terry Babcock

## MCC RESEARCH COMMITTEE

The MCC Research Committee is responsible for identifying potential research projects and state-of-the-art technology which is of interest to MCC and its members. The MCC Research Committee's goal is to educate our members and guests in an effort to improve their expertise and improve the quality of the cast-in-place industry as a whole. The MCC Research Committee acts as MCC's clearinghouse for directing incoming technical information for its members.

### Recycled Concrete Aggregate

Currently, the MCC Research Committee is working on a project titled "The Performance of Recycled Aggregate Concrete." The study explores concrete made from two different sources - recycled concrete aggregate (RCA) and crushed concrete aggregate (CCA) at two different replacement rates.

The testing is completed. The data is being evaluated and we are working on a presentation that will be given to the MCC membership this year.



# 2016 CONTINUING EDUCATION PROGRAMS

In 2016, over 1,500 people attended MCC continuing education programs. MCC is recognized nationally for its commitment to education and its ability to provide quality programs at little or no cost to its members.

## Breakfast Meetings

- "Wood vs. Concrete Buildings" - Gregg A. Lewis, AIA, LEED AP – Senior Director, Building Innovations – NRMCA.
- "Protection and Maintenance of Exterior Concrete Flatwork" - Kim Basham, PhD, PE - KB Engineering, LLC.
- "Historical Concrete Preservation/Renovation" - Paul Gaudette - Principal - Wiss, Janney, Elstner Associates, Inc.
- "Aggregates & ASR – Types, Properties, & Testing" - Larry Sutter, PhD – Professor, Materials Science and Engineering - Michigan Tech.
- "Geopolymer (Alternate Binder) Concrete" - Dr. Mary Christiansen – Assistant Professor - University of Minnesota Duluth.
- "Professional Ethics: A Preventive Maintenance Approach" - Christopher Bauer, PhD, CSP, CFS - Bauer Ethics Seminars
- "Economizing Concrete Pavements" - Jereme Montgomery - Executive Director of the Nebraska Concrete & Aggregates Association

## Spring Symposium

- "Prescription to Performance and Responsibility" - Dr. Kevin MacDonald, PhD, PE – Beton Consulting Engineers
- "New Test Methods for Performance Criteria" - Willy Morrison – American Engineering Testing
- "Prescription to Performance Experience – Lessons Learned" - Maria Masten, PE – MnDOT

## Polished Concrete Symposium

- Introduction to Polished Concrete
- Mix Designs, Specifications and Mock-Ups
- Placing, Finishing, Curing
- Polishing Technique: New & Existing Warehouse Floor
- Abrasives: Metals, Resins, Pucks, Segments, Hybrids
- Cleaning & Maintenance of Polished Concrete
- Hands-On Concrete Polishing Demonstrations

## Summer Symposium

- "Avoiding Common Oversights in the Design and Construction of Mid-Rise Wood-Framed Buildings" - Stephen Mayhew and Brian Pashina - Wiss, Janney, Elstner Associates, Inc.

## Fall Symposium

- "ACI 562-16 – The Concrete Repair Code" - Keith Kesner, PhD, PE, SE (CVM Engineers)
- "Non Destructive Testing (NDT) Techniques to Aid in Determining the Type and Level of Deterioration" - Alf Gardiner, PE (Braun Intertec)

## MN Concrete Forums

- MCC Concrete Testing Lab Tour
- MN Concrete Forum: Cold Weather Concrete
- MN Concrete Forum: MnDOT Concrete Engineering Update
- MN Concrete Forum: Admixtures
- MN Concrete Forum: Concrete 101



# 2017 CONTINUING EDUCATION PROGRAM DETAILS

All MCC meetings are held at Midland Hills Country Club in Roseville unless otherwise specified. Cost to attend breakfast meetings is \$20 and the cost to attend a symposium is \$50. Both include 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.

## January 19, 2017

### MCC Breakfast Meeting

(Co-Hosted by AGC of Minnesota)  
*OSHA'S New Crystalline Silica Rule: Are you Ready?*  
 Adele L. Abrams, Esq., CMSP (Law Office of Adele L. Abrams PC)

## February 16, 2017

### MCC Breakfast Meeting

*ICF Buildings - State of the Art*  
 Justice Olson (Midwest Territory Manager for Nudura ICF's)

## March 16, 2017

### MCC Spring Symposium: Concrete Value and Innovations

(Co-Hosted by the Aggregate & Ready Mix Association of Minnesota)  
 Jill Lewis Smith, A.I.A., N.C.A.R.B. (President - Civic Consultants Inc.) and Michael Wymant (Senior Director, Building Innovations – NRMCA)

## April 20, 2017

### MCC Awards Program and Annual Meeting

## May 18, 2017

**MCC Breakfast Meeting**  
 (Co-Hosted by the Minnesota Concrete & Masonry Contractors Association)  
*Anchorage to Concrete 101*  
 Christopher Gamache – (Hilti Anchors)

## June 15, 2017

### MCC Breakfast Meeting

*Future of Flyash Revisited*  
 Ben Franklin (Headwaters Resources)

## September 21, 2017

### MCC Breakfast Meeting

(Co-Hosted by ICRI)  
*Repairs and Rehabilitation of Post Tensioned Structures*  
 Scott Greenhaus (Structural Inc.)

## October 11, 2017

### MCC Fall Symposium

(Co-Hosted by the Minnesota Construction Association)  
*Surface Defects and How to Prevent Them*  
 Michelle Wilson (Portland Cement Association)  
*Proper Concrete Curing & Sealing Techniques & Materials*  
 Bill John (TK Products)  
*MCC Research of Recycled Concrete Aggregates*  
 Dan Vruno, PE (American Engineering Testing)

## November 9, 2017

### MCC Breakfast Meeting

(Two Hour Meeting – Ethics Credits)  
*Specification Best Practices to Avoid Litigation*  
 Jeff Coleman, PE, FACI (The Coleman Law Firm)

## MCC COMMITTEES

Committees are the heartbeat of MCC. As with any organization, it takes the commitment and dedication of volunteers to move things from the "talking about it" phase to the "accomplishing it" phase. MCC is fortunate to have member companies who encourage their employees to be actively involved with MCC by giving of their time and talent.

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.

### Membership Committee

Randy McCullum  
*Aggregate Industries*  
 Mike Ward  
*Cemstone Products Company*

### Golf Committee

Mike Johnson  
*Cemstone Products Company*

### Big Shoot Committee

Dave Meyer  
*Continental Cement*  
 Gerard Moulzolf, PG  
*American Engineering Testing*

### Awards Committee

Josh Edwards, PE  
*AVR Inc. & Affiliates*

### Scholarship Committee

Terry Swor, PG  
*American Engineering Testing*  
 Dave Meyer  
*Continental Cement*  
 Keith Jacobson, PE  
*VAA, LLC*

### Research Committee

Mike Ramerth, PE  
*Meyer Borgman Johnson*  
 Dan Vruno, PE  
*American Engineering Testing*

### Education Committee

Greg Bauer, PE  
*CPAM*  
 Josh Edwards, PE  
*AVR Inc. & Affiliates*



Bauer



Edwards



Jacobson



Johnson



McCullum



Meyer



Moulzolf



Ramerth



Swor



Vruno



Ward



# YES, I'D LIKE TO SUPPORT MCC!

- PLATINUM SPONSORSHIP – \$1,000**
- SILVER SPONSORSHIP – \$500**
- CORPORATE MEMBERSHIP – \$375**

- INDIVIDUAL MEMBERSHIP – \$100**
- STUDENT / RETIRED MEMBERSHIP – \$15**
- PUBLIC AGENCY INDIVIDUAL MEMBERSHIP – \$25**

Main Contact

---

Email Address

---

Company

---

Mailing Address

---

Phone

---

## METHOD OF PAYMENT

- Check enclosed
- Please invoice
- Payment will be made online via credit card

## MCC MEMBERSHIP CATEGORIES

**The Platinum Group - \$1,000** Includes the following:

- A full corporate membership and corresponding benefits (see below) (\$375 value)
- one complimentary registration to each monthly breakfast meeting (\$120 value)
- 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
- one complimentary table top display at all breakfast meetings and symposiums (\$300 value)
- Platinum sponsor project profile or company profile slide in the pre-meeting slideshows and breakfast meetings and symposiums

**The Silver Group - \$500.** Includes the following:

- a full corporate membership and corresponding benefits (see below) (\$375 value).
- one complimentary symposium registration (\$50+ value)
- one complimentary table top displays at all breakfast meetings (\$300 value)

- 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 and breakfast meetings and symposiums

**Corporate Memberships - \$375** Includes the following:

- may identify up to three voting members to represent their company in all MCC elections
- full company/employee listing in the MCC online directory

**Individual Memberships - \$100** Includes the following:

- a single vote in all MCC elections
- an individual listing in the MCC online directory

**Student/Retired Memberships - \$15**

- are for college and trade school students interested in cast-in-place construction or for those retired from the cast-in-place concrete industry

**Public Agency Individual Memberships - \$25**

- are for employees of Federal, State, County or City agencies.

# MCC MEMBERSHIP ROSTER (As of March 17, 2017)

## PLATINUM SPONSORS

Adolfson & Peterson  
Aggregate Industries  
American Engineering Testing  
AVR, Inc. & Affiliates  
BASF Admixtures  
Braun Intertec  
Brock White  
Cemstone Products Company  
Continental Cement  
Enduracon Technologies  
GCC of America  
GCP Applied Technologies  
Knutson Construction  
LafargeHolcim  
Lehigh Cement Company  
McGough Construction  
Meyer Borgman Johnson  
Sika Corp  
The Coleman Law Firm, LLC  
TK Products  
VAA, LLC  
Walker Parking Consultants

## SILVER SPONSORS

Advance Shoring Company  
AMEC Foster Wheeler  
Brett Admixtures  
CECO  
Cortec  
Ericksen Roed & Associates  
Euclid Chemical  
Graham Construction  
Hage Concrete Works  
JE Dunn North Central, Inc.  
Ryan Companies  
Simpson Strong Tie  
Skyway Cement Company  
Temp-Air, Inc.

## CORPORATE MEMBERS

Arrowhead Concrete Works  
Barrier One  
Bay & Bay Transfer  
BKBM Engineers  
Buffalo Ridge Concrete  
Buildings Consulting Group  
Cobb Strecker Dunphy & Zimmermann  
Composite Rebar Technology  
Concrete Inc.

Concrete Paving Association of MN  
Construction Heaters, Inc.  
Construction Results Corporation  
Con-Tech Manufacturing  
Envirotech Services, Inc  
Esch Construction Supply  
Forterra  
Garage Floor Coatings of Minnesota  
Gary Carlson Equipment Rental  
GCC Ready Mix  
Global Specialty Contractors Inc.  
Gresser  
GRT Admixtures  
Headwaters Resources  
HGA  
Kasella Concrete, Inc.  
Kelleher Construction Inc.  
Killoran Trucking & Brokerage  
Knife River  
Laborers District Council  
Mortenson Construction  
Maertens-Brenny Construction Co  
Magney Construction  
Marshall Concrete  
Modern Ready Mix  
Northern Technologies  
Operating Engineers Local No. 49  
Opus AE Group  
PCL Construction Services, Inc.  
Preferred Concrete Construction  
Prism Pigments  
Propex Concrete Solutions  
Rebarfab  
Rice Lake Construction Group  
Rochester Ready Mix Concrete Co  
Scofield  
Shaw Lundquist Associates  
Simcote, Inc.  
Stockness Construction  
Tioga Air Heaters  
Wells Concrete

## INDIVIDUAL MEMBERS

Akakin, Tumer - ARM of Minnesota  
Alms, Steve - Hank's Specialties  
Anderson, Elaine - Palmer Holand  
Babcock, Terry - Construction Midwest  
Bartz, Ralph - Bartz, Ralph  
Bell, Joe - Corval Group, Inc.  
Bokinskie, Dan - Martin Marietta  
Botzek, Gary - MC&MCA

Clendenen, Joe - Pioneer Engineering  
Corrigan, Fred - ARM of Minnesota  
Detwiler, Rachel - Detwiler, Rachel  
Dietrich, Brenda - Hardline Concrete & Masonry  
Downs, Tom - Forensic Experts PLLC  
Dvergsten, Siobhan - Encompass  
Dwyer, Eugene - LS Engineers  
Fall, Jacob - US Army Corps of Engineers  
Galey, Dave - Galey, Dave  
Hall, Bill - Ardex  
Henrikson, Gordon - NSC, Inc.  
Jackson, Bill - Beacon Construction  
Jensen, Steve - Jensen, Steve  
Kangas, Kevin - Landscape Structures  
King, Chad - Fox Blocks  
Klenner, Andrew - Hormel Foods  
Knight, Jeff - Diversified Products  
Koland, Brad - Land O' Lakes  
Kourajian, Paul - Molin Concrete Products  
Krage, Bryan - Chris Krage & Associates  
Krage, Joshua - Chris Krage & Associates  
Kusilek, Joe - County Materials  
Lindner, Ralph - GeoTek  
Loeffler, Jim - IMCD US  
MacDonald, Cliff - FORTA - VELLC  
MacDonald, Kevin - Beton Consulting  
Malm, Lucas - Wiss, Janney, Elstner Assoc  
Mattek, Amy - Paragon Restoration  
McCalla, Mac - McCalla, Mac  
McMurtry, Larry - McMurtry, Larry  
Mikula, Marty - Mikula Group  
Morrison, Mike - American Concrete Institute  
Nicholson, Dave - Maxxon Corporation  
Oelke, Justin - Oelke Concrete  
Olson, Douglas - Cy-Con  
Opheim, John - LS Black Constructors  
Pashina, Brian - Wiss, Janney, Elstner Assoc  
Peterson, Scott - Black-Star Contracting  
Reger, Tom - Cement Masons JATC Local 633  
Schreifels, Scott - Restoration Technologies  
Schwartz, Doug - Gateway Engineering + Training  
Theis, Scott - Anchor Block Company  
Thomes, Mike - Thomes, Mike  
Tinker, John - DLR Group  
Tufts, Randy - Anchor Block Company  
Vancura, Mary - Beton Consulting  
Vogen, Noel - Vogen Consulting  
Weaver, Dean - Stego  
Westerberg, Bradley - Cy-Con