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American Council of Engineering Companies of Minnesota (ACEC/MN) 10201 Wayzata Blvd., Suite 240 Minnetonka, Minnesota 55305 Phone: 952/593-5533 mail@acecmn.org www.acecmn.org

Retiring Executive Director David E. Oxley, doxley@acecmn.org

Incoming Executive Director Jonathan Curry, MPA, jcurry@acecmn.org

Assistant Executive Director Kristine A. Scott, kristine@acecmn.org

Education & Outreach Coordinator John J. Krapek, john@acecmn.org

Founding Member of:

American Council of Engineering Companies 1015 15th Street, NW Washington, D.C. 20005 Phone: 202/347-7474 acec@acec.org www.acec.org

Important Contact Information:

American Institute of Architects/Minnesota (AIA MN)	612/338-6763 www.aia-mn.org
League of Minnesota Cities	651/281-1200 www.lmc.org

Minnesota Board of AELSLAGID (Board of Registration) 651/296-2388

Minnesota Construction Codes and Licensing Division 651/284-5012

Minnesota Legislative Information (Laws, Rules, etc.)

Minnesota Society of Professional Engineers (MSPE)

Minnesota Transportation Alliance

State Designer Selection Board

State of Minnesota General Information

St. Paul District Corps of Engineers

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www.dli.mn.gov/ccld.asp

www.leg.state.mn.us

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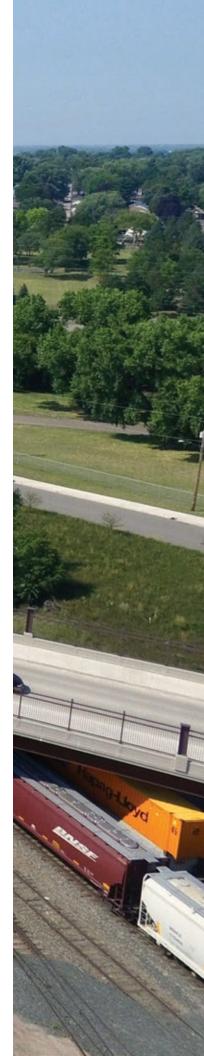
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The American Council of Engineering Companies of Minnesota (ACEC/MN) is the leading business practice and policy advocate for consulting engineering firms in Minnesota.

Formed in 1949, ACEC/MN's 135 member firms, representing over 7,500 employees, provide services to all segments of society, including federal, state and local governments, private industry and the general public.

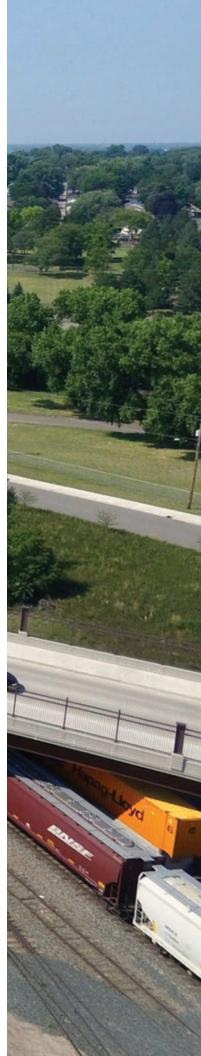
Mission

- Advocate ACEC/MN's goals with the government and client groups
- Educate our stakeholders on the value of services member firms provide
- Provide opportunities for members to enhance business skills
- Encourage individuals to pursue careers in consulting engineering firms

Strategic Goals

- 1) Advance: Implement strategies to promote a diverse and capable workforce
- 2) Inspire: Encourage growth in STEM through collarboration
- 3) Innovate: Help members assess technological needs and trends

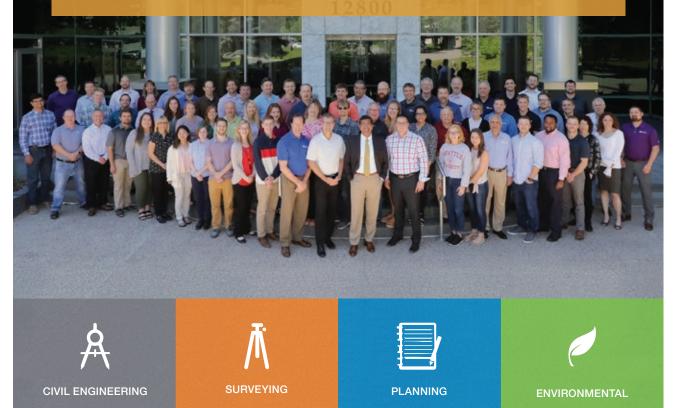
National Affiliation: ACEC/MN is a member of the American Council of Engineering Companies (ACEC), the largest national organization of engineers engaged in the practice of consulting engineering located in Washington, DC. ACEC represents the 50 states and Puerto Rico; employing 300,000 design professionals; responsible for more than \$100 billion of private and public works annually.



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"Over the past 10 years since I've become the President & CEO of Sambatek, we've had incredible success thanks to the outstanding Sambatek family of employees and the synergistic partnerships we've built with our clients and partner firms. As the new ACEC/MN President, it is my honor to help provide the same leadership, value, and transformation to our industry at-large. Thank you for your trust!"

–Sirish Samba, PE



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Committees

Committees are the heart of ACEC/MN. Committee members help develop new programs and initiatives, strengthen existing programs, and encourage new ideas. Committee descriptions are listed below. To learn more about committees, including becoming a committee member, visit www.acecmn.org.

Awards Committee

Assists the ACEC/MN staff with the planning, communication and execution of the Engineering Excellence Awards Competition including banquet logistics, selection of judges, entry reviews, etc.

Business Practices Committee (Finance and HR)

Discusses HR best practices and issues of concern to member firms as well as identifies and develops programs, materials, and services related to Finance (Accounting, Banking, Tax). The committee includes internal discussions and outside speakers, office practices policies, employee-management, standards of performance.

Design Technology Forum

To create a forum for the exchange of best practices within and across CADD applications, provide a voice to consultants as customers of CADD software and collaborate with agencies to develop, support, and promote strategies for the adoption of consistent standards.

Emerging Professionals Committee

This multidisciplinary hub provides professionals in the early stages of their career access to skills development, political advocacy, and outreach opportunities in a social setting.

Energy & Natural Resources Committee

The goal of this committee is to represent interests in the power, mining, and petroleum industries in Minnesota, and the efficient, safe, responsible, and economic generation and transmission of energy as well as exploration, extraction, transportation, and beneficiation of natural resources in MN.

Environmental Committee

Identifies the environmental challenges that face our industry, provides timely information to members, assists lobbying efforts of ACEC, and works to better focus public entities on performance, consistency, and compatibility.

Legislative Committee

Determines ACEC/MN legislative efforts with input and direction from the Board of Directors and lobbyist. Maintains a proactive position with the state legislature on appropriate issues.

Membership Committee

Recruits new members, reviews membership applications and develops membership retention programs. Works with ACEC/MN staff on member communication.

Minnesota Structural Engineering Association (MNSEA)

MNSEA represents structural engineering firms throughout Minnesota and provides a forum for their engineers to improve the practice of structural engineering by offering education, networking, training and advocacy opportunities. MNSEA maintains Young Memeber Group (YMG) and the Structural Engineers Emergancy Response (SEER) subcommittees.

Program Committee

Selects topics and plans monthly continuing education opportunities that are focused on business and technical education customized for members.

Committees

Procurement Committee

Develops a program supporting and promoting the value of consulting engineering services.

Marketing & Communications Committee

Plans and implements the overall marketing and communications strategies for ACEC/MN, both internally to members, and externally to the general public, and promotes the contributions of consulting engineers and the ACEC/MN brand. Partners with other committees to plan and execute promotional or marketing activities, when needed.

Risk Management Committee

Committee provides a meaningful resource and forum for senior leader decision makers at member and affiliate firms regarding key areas of business risk for a deeper level of understanding. The information presented provides benefit and opportunity for dialogue regarding best practices and risk mitigation.

Scholarship Committee

Committee members develop scholarship award criteria and distribute dedicated funds generated by ACEC/MN scholarship fundraisers. Scholarship applicants are interviewed and selected recipients are assigned to mentors from the committee.

Scholarship Golf Committee

The primary mission of the scholarship committee is to plan a successful annual golf tournament that maximizes proceeds raised for the scholarship fund. The committee works with ACEC/MN staff to plan and manage the golf tournament in June.

Stormwater Committee

Addresses water resource issues specific to stormwater including surface water, stormwater management, water quality, and wetlands. Maintains contact with various agencies to understand and provide input into upcoming policies and initiatives.

Transportation Committee

Develops policy positions on transportation matters, maintains liaison with public agencies, and monitors transportation activities.

Water Resources & Rural Development Committee

Addresses issues facing firms in the field of wastewater and ground water. Maintains contacts with agencies including the Minnesota Pollution Control Agency (MPCA) and Department of Health.

Workforce Development Committee

The Workforce Development Committee aims to positively impact the number of students pursuing engineering degrees and engage, retain, and cultivate an increasingly diverse membership within the organization.



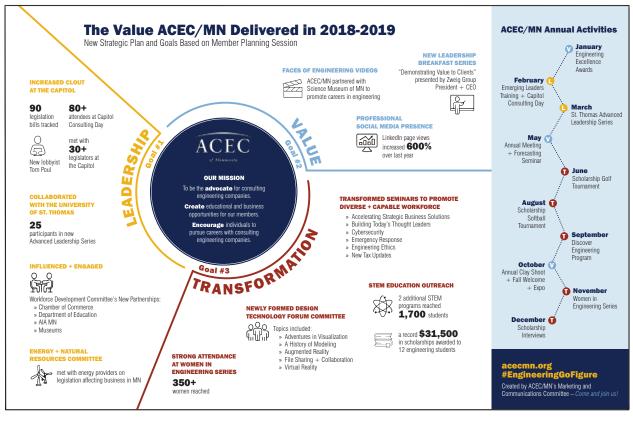
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Yearly Highlights



ACEC/MN's Marketing & Communications Committee created an infographics document for its members, which contains statistics and graphic images that highlight committee and board activities in the 2018-19 fiscal year that directly correlate to ACEC/MN's strategic plan and the association's initiatives. For a copy of this document please visit www.acecmn.org or call 952-593-5533.

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Event Highlights



Christine Wiegert of HDR and Bill Bennett of LHB enjoyed the reception at the Annual Meeting on May 16 held at the new Bell Museum in St. Paul.

From left to right: John Smith of Michaud Cooley Erickson, Randy Morris, former ACEC/MN lobbyist, and Dave Oxley of ACEC/MN at a retirement party for Randy on December 6, 2018 held at the Graduate Hotel in Minneapolis.





Although it dizzled, Don Sterma and Dustin Tipp of WSB still enjoyed the the 8th annual "Shoot for the PAC" fundraising event on October 2, 2019.

Nicole Zweig Daly of the University of St. Thomas and Teri Vogt of the Science Museum of Minnesota joined the many exhibitors during the Fall Welcome & Expo on October 10, 2018.





Many recipients of 2019-20 scholarships lended a hand at the golf tournament on June 16, 2019 at Oak Marsh Golf Course.

Event Highlights



Seth Spychala of Clark Engineering shared the ASCE 2018 Intrastructure Report Card with attendees at Capitol Consulting Day on February 14, 2019. The report card was a great tool to educate legislators on our State's infrastructure funding needs.

The new President and CEO of ACEC National, Linda Bauer Darr, joined members on February 19, 2019 to discuss some of the changes happening at ACEC National.



Ron Leaf of Kimley-Horn represented his firm on the golf course at the 2019 golf tournament. Kimley-Horn was the 2019 Title Sponsor.



Stefanie Massignan of American Engineering Testing, Inc. (also Co-chair of the Emerging Professionals Committee), and Mark Lukowski were excited to see who would take home awards at the Annual Meeting on May 16, 2019.



Wendy Nemitz of Nemitz Enterprises presented on leadership in October of 2018 to kick off the Women In Engineering Professional Development Series, which continues to be a highly popular program.



Grand Awards

The annual Engineering Excellence Awards (EEA) competition is designed to recognize excellence in engineering. The following projects received Grand Awards at the 53nd EEA Banquet held in January 2019 and were eligible to compete with award-winning projects from other states in the National ACEC Awards Competition. Please visit accemn.org for more information on the awards competition.

Firm: AKF Group LLC Project: Westminster Presbyterian Church Historical Renovation & Expansion Location: Minneapolis, MN





Firm: Barr Engineering Co. Project: Trunk Highway 210 Design-Build Location: Carlton, MN



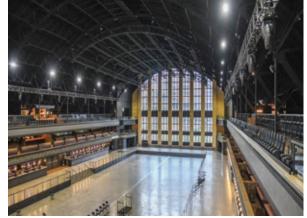
Firm: Alliant Engineering, Inc. Project: TH 169 Nine Mile Creek Design-Build Location: Hopkins & Edina, MN



Firm: LHB, Inc. Project: The Promenade of Wayzata Location: Wayzata, MN

Grand Awards

Firm: Mattson Macdonald Young, Inc. Project: Minneapolis Armory Renovation Location: Minneapolis, MN





Firm: Short Elliott Hendrickson Inc. Project: Nine Mile Creek Regional Trail Location: Edina, MN

Firm: Short Elliott Hendrickson Inc. & Parsons Corporation

Project: St. Anthony Parkway Bridge Over BNSF Northtown Yard

Location: Minneapolis, MN





Firm: Stantec Project: Zumbro River Restoration Location: Oronoco, MN

Honor Awards

Barr Engineering Co. Hall's Island Design and Restoration Minneapols, MN

Bolton & Menk, Inc. The Artey Hopkins, MN

Bolton & Menk, Inc. **CSAH 83 Improvements** Prior Lake, MN

Braun Intertec UMN Combined Heat and Power Plant Minneapolis, MN

Buildings Consulting Group, Inc. Restoration of the Plummer Building at Mayo Clinic Rochester, MN

Houston Engineering, Inc. Grey Cloud Channel Restoration and Crossing Cottage Grove, MN

Michaud Cooley Erickson University of Minnesota Bell Museum St. Paul, MN

Short Elliott Hendrickson Inc. Jackson Street Reconstruction St. Paul, MN

SRF Consulting Group, Inc. Olmsted County CSAH 22 & CSAH 33 Reconstrution Rochester, MN

TKDA Godfrey Parkway Bridge Replacement Minneapolis, MN

Widseth Smith Nolting & Assocs., Inc. Interconnect Wastewater Project East Grand Forks, MN & Grand Forks, ND

WSB

St. Croix Trail Roadway Improvements in the Old Village of Afton Afton, MN

WSB Corridors of Commerce - Scope and Project Selection State of Minnesota

WSP USA TH 169 Nine Mile Creek Bridge Replacement Hopkins, Minnetonka, & Edina MN

WSP USA **Rethinking I-94** Minneapolis & St. Paul, MN

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Grand Conceptor & People's Choice Awards

Grand Conceptor Award

The Grand Conceptor Award recognizes the top scoring project by the judging panel.

Firm: Short Elliott Hendrickson Inc. & Parsons Corporation

Project: St. Anthony Parkway Bridge Over BNSF Northtown Yard

Location: Minneapolis, MN



- 2014 Jacobs Engineering Group & TKDA
- 2015 Meyer Borgman Johnson
- 2016 Clark Engineering, Inc.
- 2017 HGA Architects and Engineers
- 2018 HDR & COWI

People's Choice Award

The People's Choice is awarded to the firm that received the highest number of votes by attendees of the awards banquet.

Firm: LHB, Inc. Project: The Promenade of Wayzata Location: Wayzata, MN



- 2012 American Engineering Testing, Inc. & Loucks Associates
- 2013 SRF Consulting Group, Inc.
- 2014 Braun Intertec
- 2015 Kimley-Horn
- 2016 Braun Intertec
- 2017 Stantec
- 2018 HDR & COWI



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Annual Meeting Awards

Distinguished Service Award

The ACEC/MN Distinguished Service Award honors an individual or firm who has given countless hours of expertise to the association.



Melissa Langowski received the 2019 Distinguished Service Award from ACEC/MN President-Elect Sirish Samba of Sambatek.

- 2015 Jody Elam-Foote
- 2016 Ingenuity Marketing Group Jonathan Wacker
- 2017 Justin Schmidt
- 2018 **Brad Hamilton**
- 2019 Melissa Langowski

Emerging Leader Award

The ACEC/MN Emerging Leader Award recognizes an ACEC/MN member still in the early stages of their career who has already contributed significantly to the association.



Vahid Raboodan of EVS (R) received the 2019 Emerging Leader Award from ACEC/MN President, Dan Larson of American Engineering Testing.

2013 J	onathan	Wac	ker
--------	---------	-----	-----

- 2014 Bridget Osborn
- 2015 Tim Lamkin, Jr.
- 2016 Jake Turgeon
- **Ricky Kirchner** 2017
- Eric McElrath 2018
- 2019 Vahid Raboodan

President's Award

The ACEC/MN President's Award is presented by the Board of Directors to an individual employed by an ACEC/MN member firm who has made a significant contribution to the association.



Dan Larson of American Engineering Testing presented Jon Wacker of HGA Architects and Engineers with the 2019 President's Award.

- 1991 Bob Rosene
- Dag Knudsen
- John Berner 1992
- Jim Keller 1993
- 1994 **Bob DeGroot**
- 1995 Stephanie Young
- 1996 Lisa (Lee) Breuer
- 1997 **Doug Wolfangle** 1998 Dwight Benoy
- 1999 Ken Adolf
- 2000 Wally Ouse
- 2001
- Doug Differt 2002 Doug Cooley
- Cameron Kruse 2003
- 2004 **Richard Sobiech**
- 2005 Terry Swor
- 2006 Doug Weiszhaar
- 2008 Lyndsey Alm
- 2009 Douglas Tholo
- 2010 Ted Field
- 2011 **Randy Geerdes**
- 2012 **Bret Farmer**
- 2013 Patrick Hughes
- 2014 Mark Bloomquist **Eric Heiberg** Holly Newman
- 2015 Gene Sieve
- 2016 Jody Elam-Foote
- 2017 Greg McCool
- 2018 Kim Deibel
- 2019 Jon Wacker

Annual Meeting Awards

Firm of the Year Award

The Firm of the Year award is presented to the ACEC/MN member firm that, through their activities, has made a significant contribution to the advancement of the association and the consulting engineering profession.



Representatives of Barr Engineering Co. celebrate their 2019 Firm of the Year Award.

1991	American Engineering Testing, Inc.
	Short Elliott Hendrickson, Inc.
1992	Mattson Macdonald Young, Inc.
	Braun Intertec Corporation
1993	BKBM Engineers
	Wells Engineers Minnesota, Inc.
1994	Darg, Bolgrean, Menk, Inc.
	Gausman & Moore Associates, Inc.
1995	Barr Engineering Co.
1996	Bonestroo, Rosene, Anderlik & Associates,
1997	Dunham Associates, Inc.
1998	Bolton & Menk, Inc.
1999	Schoell & Madson, Inc.
2000	INSPEC, INC.
2001	LHB Engineers & Architects, Inc.
2002	Michaud Cooley Erickson
2003	TKDA
2004	HDR Engineering, Inc.
2005	Edwards and Kelcey, Inc.
2006	American Engineering Testing, Inc.
2007	SRF Consulting Group
2008	WSB & Associates, Inc.
2009	Braun Intertec Corporation
2010	Hiway Federal Credit Union
2011	TKDÁ
2012	Parsons Brinckerhoff
2013	Rani Engineering, Inc.
2014	SRF Consulting Group, Inc.
2015	HGA Architects and Engineers
2016	Alliant Engineering, Inc.
2017	Burns & McDonnell
2018	BKBM Engineers
2019	Barr Engineering Co.
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Tom Roche Lifetime Achievement Award

The Tom Roche Lifetime Achievement Award recognizes an individual for their long-term commitment to the consulting engineering profession and the community. Tom Roche was instrumental in establishing ACEC/MN. His passion for engineering and ACEC was unparalleled, which is why we continue to bestow this career achievement award in his name.



John Dillingham of Alliant Engineering was excited to receive the 2019 Tom Roche Lifetime Achievement Award

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2019

1975 1976	Wally Bruch
1976	Doug Wolfangle Gordon Moore
1978	Jack Braun
1979	Bob Rosene
1980	Dave Conkey
1981	Bob Michaud
1982	Skip McCombs
1983	Max Oftedal
1984	Bill Schoell
1985	Jack Nagel
1986	Bob McFarlin
1987	Glenn Gausman
1988	Chuck Britzius
1989	Earl Oxley
1990	Leif Ericksen
1991	Jim Tillitt
1992	Chuck Barger
1993	Jim Orr
1994	Duane Prew
1995	Dag Knudsen
1996	Chuck Ballou
1997	Cam Kruse

Inc.

Bill Sayre Harvey Harvala Jim Keller Wally Ouse Ken Adolf Dwight Benoy Shirley Walker Stinson Lane Hersey Joe Hallberg Dick Sobiech Terry Swor Jeff Coleman Bill Bennett George Kluempke **Randy Geerdes Douglas Cooley** Robert Struve John Smith **Glenn Schreiner** Randy Morris Gene Sieve John Dillingham

2019-2020 ACEC/MN Program Calendar

All dates are subject to change. Location: Marriott Minneapolis West unless otherwise noted. Confirm all events at www.acecmn.org. Legend: BB: Brown Bag Luncheon / LB: Leadership Breakfast / WIE: Women In Engineering Series Luncheon / S: Breakfast Seminar / PAC: Political Action Committee Fundraiser

NOVEMBER

- 4 S: Results Only Work Environment
- 8 BB: Euclid Chemical
- 18 WIE: Survival in the AEC Industry (Location: Braun Intertec)

DECEMBER

13 BB: Tire Derived Aggregate Manufacturing

JANUARY 2020

- 10 BB: VEIT
- 24 53rd Engineering Excellence Awards Banquet (Location: Marriott Minneapolis Northwest)
- 27 WIE: Overcoming Imposter Syndrome (Location: Braun Intertec)

FEBRUARY

- 14 BB: Ground Improvement Engineering
- 25 Capitol Consulting Day

Thank You to the 2018 BECC Sponsors:

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Stadium Sponsors:

Hallberg Engineering, Inc. Meyer Borgman Johnson

MARCH

- 13 BB: Fabreeka
- 16 WIE: Interrupting Bias to Counter Harassment and Discrimination (Location: Braun Intertec)
- 24 S: Engineering Ethcis Presentation by Kristine Kubes

APRIL

- 15 S: Board of AELSALAGID Update on Rule Changes
- 22 LB: Topic TBD

MAY

- 3 BB: Advanced Drainage Systems
- 12 MNSEA Annual Seminar & Tradeshow
- 14 ACEC/MN Annual Meeting (Location: Metropolitan Ballroom & Clubroom)
- 15 County Forecasting Seminar
- 18 WIE: Confident Presence for Networking (Location: Braun Intertec)

JUNE

15 17th Annual Scholarship Golf Tournament (Location: Oak Marsh Golf Course)

Thank You to the 16th Annual Scholarship Golf Sponsor: Kimley »Horn

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- Municipal Engineering
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- Transportation/Transit
 Pavement Management/

- Environmental
- Planning/Public Involvement
- Landscape ArchitectureLand Development
- Involvement Traffic Engineering
- Rehabilitation

 Structures



18

government/politics







State Government - Constitutional Officers

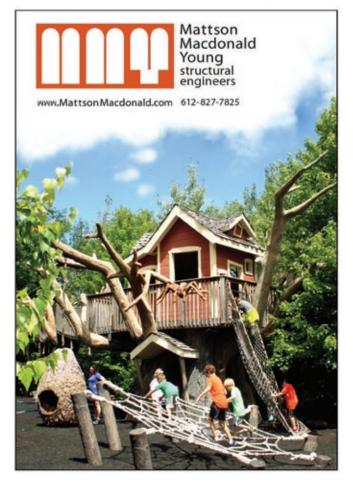
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Lt. Governor Penny Flanagan 130 State Capitol 75 Rev. Dr. Martin Luther King Jr. Blvd. St. Paul, MN 55155 P: (651) 201-3400

Attorney General Keith Ellsion 1400 NCL Tower/445 Minnesota St. St. Paul, MN 55101 P:(651) 296-3353 attorney.general@state.mn.us www.ag.state.mn.us

Secretary of State Steve Simon 60 Empire Dr #100 St Paul, MN 55103 P: (651) 296-2803 secretary.state@state.mn.us www.sos.state.mn.us

State Auditor Julie Blaha 525 Park Street, Suite 500 Saint Paul, Minnesota 55103 P: (651) 296-2551 stateauditor@osa.state.mn.us www.auditor.state.mn.us





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Department of Agriculture Commissioner: David Frederickson E-mail: mda.info@state.mn.us Phone: (651) 201-6000

Department of Commerce Commissioner: Steve Kelly E-mail: commerce.commissioner@state.mn.us Phone: (651) 539-1441

Department of Corrections Commissioner: Paul Schnell Phone: (651) 361-7200

Department of Education Commissioner: Mary Cathryn Ricker E-mail: mde.contactus@state.mn.us Phone: (651) 582-8200

Dept. of Employment and Economic Development Commissioner: Steve Grove E-mail: deed.customerservice@state.mn.us Phone: (651) 259-7119

Office of Enterprise Technology Commissioner: Tarek Tomes E-mail: oet.services@state.mn.us Phone: (651) 556-8007

Department of Health Commissioner: Jan Malcom Phone: (651) 201-5000

Department of Human Rights Commissioner: Rebecca Lucero Phone: (651) 296-5663

Department of Human Services Commissioner: Jodi Harpstead E-mail: DHS.Info@state.mn.us Phone: (651) 431-2000

Iron Range Resources Commissioner: Mark Phillips E-mail: mark.phillips@state.mn.us Phone: (218) 735-3014

Department of Labor & Industry Commissioner: Nancy Leppink E-mail: dli.communications@state.mn.us Phone: (651) 284-5005 Minnesota Management and Budget Commissioner: Myron Frans info.mmb@state.mn.us Phone: (651) 201-8000

Bureau of Mediation Services Commissioner: Josh Tilsen E-mail: josh.tilsen@state.mn.us Phone: (651) 649-5421

Metropolitan Council Chair Open E-mail: public.info@metc.state.mn.us Phone: (651) 602-1000

Department of Military Affairs Major General Jon Jensen E-mail: webmaster@mn-arng.ngb.army.mil Phone: (651) 268-8924

Minnesota Housing Finance Agency Commissioner: Jennifer Ho E-mail: mn.housing@state.mn.us Phone: (651) 296-7608

Minnesota Office of Higher Education Commissioner: Larry Pogemiller Phone: (651) 642-0567

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Minnesota Pollution Control Agency Commissioner: Laura Bishop Phone: (651) 296-6300

Department of Public Safety Commissioner: Ramona Dohman Phone: (651) 201-7000

Department of Revenue Commissioner: Cynthia Bauerly Phone: (651) 556-6003

Department of Transportation Commissioner: Margaret Anderson Kelliher E-mail: info@dot.state.mn.us Phone: (651) 296-3000

Department of Veterans Affairs Commissioner: Larry Herke Phone: (651) 296-2562

Minnesota Delegation

US Senators

Amy Klobuchar 302 Hart Senate Office Building Washington, DC 20510 Phone: (202) 224-3244 http://klobuchar.senate.gov

Tina Smith 309 Hart Senate Office Building Washington, DC 20510 Phone: (202) 224-5641 http://smith.senate.gov

US Representatives

District #1: Jim Hagedorn 325 Cannon House Office Building Washington, DC 20515 Phone: (202) 225-2472 http://walz.house.gov

District #2: Angie Craig 1523 Longworth House Office Building Washington, DC 20515 Phone: (202) 225-2271

District #3: Dean Phillips 1305 Longworth House Office Building Washington, DC 20515-2303 Phone: (202) 225-2871

District #4: Betty McCollum 2256 Rayburn House Office Building Washington, DC 20515 Phone: (202) 225-6631

District #5: Ilhan Omar 1517 Longworth House Office Building Washington, DC 20515 Phone: (202) 225-4755

District #6: Tom Emmer 315 Cannon House Office Building Washington, DC 20515 Phone: (202) 225-2331

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ANOKA	Doug Fischer	(763) 324-3103	doug.fischer@co.anoka.mn.us
BECKER	Jim Olson	(218) 847-4463	jolson@co.becker.mn.us
BELTRAMI	Bruce Hasbargen	(218) 333-8173	bruce.hasbargen@co.beltrami.mn.us
BENTON	Chris Byrd	(320) 968-5051	chrisbyrd@co.benton.mn.us
BIG STONE	Todd Larson	(320) 839-2594	todd.larson@co.big-stone.mn.us
BLUE EARTH	Ryan Thilges	(507) 304-4025	ryan.thilges@co.blueearthcountymn.us
BROWN	Wayne Stevens	(507) 233-5700	wayne.stevens@co.brown.mn.us
CARLTON	JinYeene Neumann	(218) 384-9150	JinYeene.neumann@co.carlton.mn.us
CARVER	Lyndon Robjent	(952) 466-5200	lrobjent@co.carver.mn.us
CASS	Darrick Anderson	(218) 547-1211	2
			darrick.anderson@co.cass.mn.us
CHIPPEWA	Steve Kubista	(320) 269-2151	skubista@co.chippewa.mn.us
CHISAGO	Kyle Ludwig	(651) 213-8740	kyle.ludwig@chisagocounty.us
	David Overbo	(218) 299-5099	david.overbo@co.clay.mn.us
CLEARWATER	Dan Sauve	(218) 694-6132	dan.sauve@co.clearwater.mn.us
COOK	Krysten Foster	(218) 387-3014	krysten.foster@co.cook.mn.us
COTTONWOOD	Nick Klisch	(507) 831-1389	nick.klisch@co.cottonwood.mn.us
CROW WING	Timothy Bray	(218) 824-1110	tim.bray@crowwing.us
DAKOTA	Mark Krebsbach	(952) 891-7102	mark.krebsbach@co.dakota.mn.us
DODGE	Guy Kohlnhofer	(507) 374-6694	guy.kohlnhofer@co.dodge.mn.us
DOUGLAS	David Robley	(320) 762-2999	davero@co.douglas.mn.us
FARIBAULT	Mark Daly	(507) 526-3291	mark.daly@co.faribault.mn.us
FILLMORE	Ron Gregg	(507) 765-3854	rgregg@co.fillmore.mn.us
FREEBORN	Sue Miller	(507) 377-5188	sue.miller@co.freeborn.mn.us
GOODHUE	Greg Isakson	(651) 385-3025	greg.isakson@co.goodhue.mn.us
GRANT	Tracey VonBargen	(218) 685-8300	tracey.vonbargen@co.grant.mn.us
HENNEPIN	Carla Stueve	(612) 596-0300	carla.stueve@co.hennepin.us
HOUSTON	Brian Pogodzinski	(507) 725-3925	brian.pogodzinski@co.houston.mn.us
HUBBARD	Jed Nordin	(218) 732-3302	jnordin@co.hubbard.mn.us
ISANTI	Richard Heilman	(763) 689-1870	rheilman@highway.co.isanti.mn.us
ITASCA	Karin Grandia	(218) 327-2853	karin.grandia@co.itasca.mn.us
JACKSON	Tim Stahl	(507) 847-2525	engineer@co.jackson.mn.us
KANABEC	Chad Gramentz	(320) 679-6300	chad.gramentz@co.kanabec.mn.us
KANDIYOHI	Melvin Odens	(320) 235-3266	mel.odens@co.kandiyohi.mn.us
KITTSON	Kelly Bengtson	(218) 843-2686	kbengston@co.kittson.mn.us
KOOCHICHING	Trent Nicholson	(218) 283-6743	trent.nicholson@co.koochiching.mn.us
LAC QUI PARLE	Sam Muntean	(320) 598-3878	www.co.lqpco.com
LAKE COUNTY	Krysten Foster	(218) 834-8380	krysten.foster@co.lake.mn.us
LAKE OF THE WOODS		(218) 634-1767	anthony_p@co.lake-of-the-woods.mn.us
LE SUEUR	Dave Tiegs	(507) 357-2251	dtiegs@co.le-sueur.mn.us
LINCOLN	Joe Wilson	(507) 694-1124	jwilson@co.lincoln.mn.us
LYON	Aaron Vanmoer	(507) 532-8205	aaronvanmoer@co.lyon.mn.us
MAHNOMEN	Jon Large	(218) 935-2296	jon.large@co.mahnomen.mn.us
			lon.aune@co.marshall.mn.us
MARSHALL	Lon Aune	(218) 745-4381	
MARTIN	Kevin Peyman	(507) 235-3347	kevin.peyman@co.martin.mn.us
MCLEOD	John Brunkhorst	(320) 484-4321	john.brunkhorst@co.mcleod.mn.us
MEEKER	Phil Schmalz	(320) 693-5360	phil.schmalz@co.meeker.mn.us
MILLE LACS	Bruce Cochran	(320) 983-8201	bruce.cochran@co.mille-lacs.mn.us
MORRISON	Steve Backowski	(320) 632-0120	steveb@co.morrison.mn.us
MOWER	Mike Hanson	(507) 437-7718	michal@co.mower.mn.us
MURRAY	Randy Groves	(507) 836-6327	rgroves@co.murray.mn.us
NICOLLET	Seth Greenwood	(507) 934-7723	sgreenwood@co.nicollet.mn.us
NOBLES	Stephen Schnieder	(507) 295-5332	sschnieder@co.nobles.mn.us
NORMAN	Jerilyn Swenson	(218) 784-7126	jerilyn.swenson@co.norman.mn.us
OLMSTED	Kaye Bieniek	(507) 328-7070	bienek.kaye@co.olmsted.mn.us
OTTER TAIL	Chuck Grotte	(218) 998-8475	cgrotte@co.otter-tail.mn.us
PENNINGTON	Michael Flaagan	(218) 683-7017	mlflaagan@co.pennington.mn.us
PINE	Mark LeBrun	(320) 216-4200	peakman@co.pine.mn.us
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brian.giese@co.pope.mn.us ted.schoenecker@co.ramsey.mn.us ehove@co.red-lake.mn.us rchd@co.redwood.mn.us jeffma@revillecountymn.com dluebbe@co.rice.mn.us mark.sehr@co.rock.mn.us brian.ketring@co.roseau.mn.us twiniecki@co.scott.mn.us rhonda.lewis@co.sherburne.mn.us beckert@co.sibley.mn.us foldesij@stlouiscountymn.gov jodi.teich@co.stearns.mn.us gregory.llkka@co.steele.mn.us toddlarson@co.stevens.mn.us andy.sander@co.swift.mn.us loren.fellbaum@co.todd.mn.us chad.gillespie@co.traverse.mn.us dflesch@co.wabasha.mn.us ryan.odden@co.wadena.mn.us nathan.richman@co.waseca.mn.us wayne.sandberg@co.washington.mn.us teal.spellman@co.watonwan.mn.us highway@co.wilkin.mn.us dkramer@co.winona.mn.us virgil.hawkins@co.wright.mn.us andy.sander@co.ym.mn.us

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A/R	Accounts Receivable
AARP	American Assoc. of Retired People
AASHTO	American Association of State Highway & Transportation Officials
ABFE	Advisory Base Flood Elevation
ac/dc	Alternate Current, Direct Current
ACEC	American Council of Engineering Companies
ACI	American Concrete Institute
ACIP	American Cast In-place Piles
ADA	Americans with Disabilities Act
ADP	Automatic Data Processing
AELSLAGID	Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture,
	Geoscience and Interior Design
AFPA	American Forest and Paper Association
AGA	American Galvanizers Association
AHA	American Hardboard Association
AIA	American Institute of Architects
AICP	American Institute of Certified Planners
AISC	American Institute of Steel Construction (1921)
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
ALSC	American Lumber Standard Committee
ANSI	American National Standards Institute
APA	American Plywood Association
API	American Petroleum Institute
ASQ	American Society of Quality
ASCE	American Society of Civil Engineers
ASD	Allowable Stress Design
ASCII	American Standard Code for Information Interchange
ASI	Architectural Supplemental Instruction
ASLA	American Society of Landscape Architecture
ASME	American Society of Mechanical Engineers
ASNT	American Society of Non-destructive Testing
ASR	Alkali Silica Reaction
ASTM	American Society of Testing Materials
ATC	Applied Technology Council
AUAR	Alternative Urban Areawide Review
AWPA	American Wood Preservers Association
AWS	American Welding Society
AWWA	American Water Works Association

B

<u> </u>	
BIM	Building Information Modeling
BFE	Base Flood Elevation
BIM	Building Information Modeling
BM	Bench Mark
BMP	Best Management Practices
BN	Bidding and Negotiations
BOM	Bill of Materials
BPF	Blows per Foot
BPR	Business Process Re-engineering
BSC	(California) Building Standards Commission
BWSR	Board of Water and Soil Resources

<u>C</u>

C&E	Cause and Effect
CA	Construction Administration
CAC	Citizen Advisory Committee
CAD	Computer Aided Design

CFRCode of Federal RegulationsCFSCubic Feet per SecondCHMMCertified Hazardous Materials ManagerCIOChief Information OfficerCIPCast Iron PipeCISCCanadian Institute of Steel Construction – 1930CJPComplete Joint PenetrationCLARBCouncil of Landscape Architectural Registration BoardsCMConstruction ManagerCMPCorrugated Metal PipeCOChange OrderCOBClose of Business (also – EOB – End of Business)CODCash on DeliveryCOOChief Operating OfficerCPACertified Public AccountantCPESCCertified Public AccountantCPUCentral Processing UnitCOCComplete Quadratic CombinationCRSIConcrete Reinforcing Steel InstituteCSACanadian Standards AssociationCSAHCounty State Aid HighwayCSDContract Sensitive DesignCSIConstruction Specification InstituteCIMCitical Path MethodCPUCentral Sensitive DesignCSJContract Sensitive DesignCSIConstruction Specification InstituteCSBICanadian Sheet Steel Building InstituteCIUREFECalifornia Universities for Research in Earthquake Engineering	

D

DBE	Disadvantaged Business Enterprise
DBOO	Design Build Own Operate
DD	Design Development
DDLT	Demand During Lead Time
DDM	Direct Design Method
DFA	Design for Assembly
DFD	Data-Flow Diagrams
DIP	Ductile Iron Pipe
DMAIC	Define, Measure, Analyze, Improve, and Control
DNR	Department of Natural Resources
DOE	Department of Energy
DOE	Design of Experience
DRP	Distribution Requirements Planning
DSA	Division of the State Architect
DSO	Days Sales Out
DWSMA	Drinking Water Supply Management Area

	-
E	
EAP	Employee Assistance Program
EAW	Environmental Assessment Worksheet
EBF	Eccentricity Based Frame
EBIT	Earnings before Interest and Taxes
ECN	Engineering Change Notice
ECO	Engineering Change Order
ECR	Engineering Change Request
EEO	Equal Employment Opportunity
EFM	Equivalent Frame Method
EI	Employee Involvement
EIS	Environmental Impact Statement
EIT	Engineer-in-Training
ELC	Employee Learning Center
EP	Emerging Professional
EPA	Environmental Protection Agency
EPC	Engineering Procurement Construction
ESC	Executive Steering Committee
ESI	Engineer's Supplemental Instructions

E

<u>L</u>	
F/I	Furnish and Install
FADR	Foundation Analysis Design Recommendations
FCAW	Flux Cored Arc Welding
FDC	Field Design Change
FE	Fundamentals of Engineering
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FM	Factory Mutual
FMBA	Financial Management and Business Analysis
FRA	Federal Railroad Association
FRC	Fiber Reinforced Concrete
FWD	Falling Weight Deflection

<u>G</u>

GC	General Contractor
GFRC	Glass Fiber Reinforced Concrete
GMAW	Gas Metal Arc Welding
GIS	Global Information System
GIT	Global Information Technology
GMP	Guaranteed Maximum Price
GOST	Goals, Objectives, Strategies, Tactics
GPM	Gallons per Minute
GPS	Global Positioning System

<u>H</u>

<u></u>	
HACCP	Hazard Analysis and Critical Control Points
HazMat	Hazardous Materials
HAZWOPER	Hazardous Waste Operator
HDPE	High Density Polyethylene
HMI	Human Machine Interface
HR	Human Resources
HRM	Human Resources Management
HRSG	Heat Recovery Steam Generators
HSS	Hollow Structural Sections
HVAC	Heating, Ventilation, Air-condition
HWL	High Water Level

<u>1</u>	
IACET	International Association for Continuing Education and Training
IAS	International Accreditation Service
IBC	International Building Code
ICBO	International Conference of Building Officials
ICC	International Code Council
ICC	International Chamber of Commerce
ICC-ES	International Code Council - Evaluation Service
ICRI	International Concrete Repair Institute
ID	Inside Diameter
IE	Invert Elevation
IFI	Industrial Fasteners Institute
IIE	Institute of Industrial Engineers
IMF	Intermediate Moment Frame
IMS	Integrated Management System
IRR	Internal Rate of Return
ISO	International Standards Organization
IT	Information Technology
	•••

<u>J</u>	
JD	Jusris Doctor
JIT	Just in Time
JUSE	Japanese Union of Scientists and Engineers

<u>K</u>		
KM	Knowledge	Management



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OFFICE LOCATIONS IN MINNEAPOLIS AND DULUTH

L	
LAN	Local Area Network
LCCMR	Legislative-Citizen Commission on Minnesota Resources
LEED	Leadership in Energy and Environmental Design
LID	Low Impact Development
LGA	Local Government Aid
LGU	Local Governing Unit
LOB	Line of Balance
LRFD	Load and Resistance Factor Design
LRRB	Minnesota Local Road Research Board
LSL	Laminated Strand Lumber
LSL	Lower Specification Limit
LT	Lead Time
LVL	Laminated Veneer Lumber

M

MADR	Materials Analysis Design Recommendations
MBMA	Metal Building Manufacturers Association
MCL	Maximum Contaminant Level
MDH	Minnesota Depart of Health
MDR	Master Data Record
MECA	Minnesota Erosion Control Association
MIA	Masonry Institute of America
MIS	Management Information Systems
MnAFPM	Minnesota Association of Floodplain Managers
MnDOT	Minnesota Department of Transportation
MOU	Memorandum of Understanding
MPCA	Minnesota Pollution Control Agency
MRP	Money Resource Planning
MSDS	Material Safety Data Sheet
MSPE	Minnesota Society of Professional Engineers
MTG	Meeting
MUSA	Metropolitan Urban Service Area

N

NACEI	National Association of Corrosion Engineers International
NAHB	National Association of Home Builders
NAVD	North American Vertical Datum (1988)
NAVFAC	Naval Facilities Engineering Command
NAWBO	National Association of Women Business Owners
NBCC	National Building Code of Canada
NCARB	National Council of Architectural Registration Boards
NCEES	National Council of Examiners for Engineers and Surveyors
NDC	Notice of Design Change
NDT	Non Destructive Testing
NEC	National Electrical Code
NEHRP	National Earthquake Hazards Reduction Program
NFPA	National Fire Protection Association
NGVD	National Geodetic Vertical Datum (1929)
NIST	National Institute of Standards and Technology
NIST	National Institute of Science and Technology
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
NPV	Net Present Value
NRCC	National Research Council of Canada

Acronym Guide

NRMCA	National Ready Mixed Concrete Association
NSF	National Science Foundation
NURP	Nationwide Urban Runoff Program
NWI	National Wetland Inventory
NWL	Normal Water Level

<u>0</u>

OD	Outside Diameter
OHWL	Ordinary High Water Level
OJT	On the Job Training
OMRF	Ordinary Moment-Resisting Frame
OPA	OSHPD Pre-Approval
OS/D	Over, Short, or Damaged
OSHA	Operational Safety and Health Administration
OSHPD	Office of Statewide Health Planning and Development
OT	Overtime

P

<u>P</u>	
PA	Product Acceptance
PAC	Political Action Committee
PC	Plan Check
PCA	Portland Cement Association
PCI	Pre-cast and Pre-stressed Concrete Institute
PE	Professional Engineer
PERT	Program Evaluation and Review Technique
PG	Professional Geologist
PI	Personal Involvement
PIP	Public Involvement Period
PLC	Programmable Logic Manager
PLS	Professional Land Surveyor
PM	Preventative Maintenance
PM	Project Management
PO	Purchase Order
POC	Point of Contact
POM	Production and Operations Management
POP	Proof of Purchase
POS	Point of Sale
PPM	Parts per Million
PR	Proposal Request
PRES	President
PRV	Powered Roof Ventilator
PRV	Pressure Reducer Valve
PSI	Pounds per Square Inch
PTI	Post Tensioning Institute
PTO	Paid Time Off
PTOE	Professional Traffic Operations Engineer
PVC	Polyvinyl Chloride
PWI	Public Waters Inventory water resource
	transportation

<u>О</u> О&А

Q&A	Question and Answer
Q&E	Qualifications and Experience
QA	Quality Assurance
QC	Quality Control

- Quality of Working Life Qualifications Based Selection QWL
- QBS

infrastructure technology



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Acronym Guide

<u>R</u>

RBS	Reduced Beam Section
RCP	Reinforced Concrete Pipe
RCSC	Research Council on Structural Connections
RE	Rim Elevation
RFCOP	Request for Change Order Pricing
RFI	Request for Information
RFP	Request for Proposal
RFQ	Request for Quote/Qualifications
RLA	Registered Landscape Architect
RMP	Resource Management Plan
ROA	Return on Assets
ROI	Return on Investment
ROR	Rate of Return

<u>S</u>

<u> </u>	
SAW	Submerged Arc Welding
SBU	Strategic Business Unit
SCADA	Supervisory Control and Data Acquisition
SCC	Self-Consolidating Concrete
SD	Schematic Design
SD	Supplemental Drawings
SDI	Steel Deck Institute
SEAOC	Structural Engineers Association of California
SHPO	State Historical Preservation Office
SIC	Standard Industrial Code
SJI	Steel Joist Institute
SLV	Soil Leach Value
SMAW	Shielded Metal Arc Welding
SMPS	Society of Marketing Professionals
SONAR	Statement of Need and Reasonableness
SOP	Standard Operating Procedure
SPR	Site Plan Review
SPT	Standard Penetration Test
SRSS	Square root of the sum-of-squares
SRV	Soil Remediation Value
SS	Select Structural
SSC	(California) Seismic Safety Commission
SSEC	Structural Steel Educational Council
SSMA	Steel Stud Manufacturers Association
SSPC	The Society for Protective Coatings
STI	Steel Tube Institute (1930)
SWPPP	Storm Water Pollution Prevention Plan

Ι

TAC	Technical Advisory Committee
TCA	Tilt-up Concrete Association
TEC	Total Energy Checkpoint
TEI	Total Employee Involvement
TEP	Technical Evaluation Panel
TJI	Truss Joist Institute
TMDL	Total Maximum Daily Load
TMI	Team Management Index
TOS	Toe of Slope
TQM	Total Quality Management

We approach every client, location, and project as unique and let collaboration lead us to **THE RIGHT SOLUTION.**



Acronym Guide

<u>U</u>	
UBC	Uniform Building Code
UCL	Upper Control Limit
UFC	Unified Facilities Criteria
USACE	United States Army Corps of Engineers (also known as ACOE)
USAID	U.S. Agency for International Development
USCS	Unified Soil Classification System
USGBC	United States Green Building Council
USGS	United States Geological Survey
USL	Upper Specification Limit
UST	Underground Storage Tank

V

Π.

VA	Value Analysis
VE	Value Engineering
VCP	Vitrified Clay Pipe
VP	Vice President

W

WBS	Work Breakdown Structure
WCA	Wetland Conservation Act
WD	Watershed District
WHPA	Wellhead Protection Area
WMO	Watershed Management Organization
WRA	Water Reducing Admixtures
WRI	Wire Reinforcement Institute

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Certification Guide

Licence / Certification	A la la var vianti a va	
License / Certification	Abbreviation	Governing Agency
American Institute of Certified Planners	AICP	Amerian Planning Association
Certified Health Care Physical Environment Worker	ASHE ASLA	American Hospital Association
American Society of Landscape Architects		American Society of Landscape Architects
Board Certified Environmental Engineer	BCEE CAE	American Academy of Environmental Engineers
Certified Association Executive		American Society of Association Executives
Asbestos Inspector Certificate	CAI	State of Minnesota
Certified Construction Contract Administrator Certified Cost Engineer	CCCA CCE	Construction Specifications Institute
	CCI	Assoc. for the Advancement of Cost Engineering
Certified Coating Inspector	CCPR	National Association of Corrosion Engineers
Certified Construction Product Representative	CCS	Construction Specifications Institute Construction Specifications Institute
Certified Construction Specifier Construction Documents Technologist	CDT	Construction Specifications Institute
Certified Energy Manager	CEM	Association of Energy Engineers
Certified Erosion, Sediment and Storm Water Inspector	CESSWI	Envirocert International
Certified Federal Surveyor	CFedS	Federal Bureau of Land Management
Certified Floodplain Manager	CFM	Association of State Floodplain Managers
Certified Fire Protection Specialist	FFPS	Certified Fire Protection Specialist Board
Certified Hazardous Materials Manager	СНММ	Institute of Hazardous Materials Management
Certified Public Accountant	CPA	State of Minnesota
Certified Professional in Erosion and Sediment Control	CPESC	Envirocert International
Certified Professional Services Marketer	CPSM	Society of Marketing Professionals
Certified Professional in Storm Water Quality	CPSWQ	Envirocert International
Corrosion Specialist Certification	CS	National Association of Corrosion Engineers
Certified Safety Professional	CSP	The Board of Certified Safety Professionals
Certified Survey Technician	CST	National Society of Professional Surveyors
Certified Survey Technician Level I	CST Level I	National Society of Professional Surveyors
Certified Survey Technician Level II	CST Level II	National Society of Professional Surveyors
Chemical Treatment Specialist	CTS	National Association of Corrosion Engineers
Certified Value Specialist	CVS	SAVE International
Diplomate, Environmental Engineer (old BCEE)	DEE	American Academy of Environmental Engineers
Diplomate, Forensic Engineer	DFE	American Bd. of Forensic Engineering & Technology
Diplomate, Geotechnical Engineer	DGE	American Society of Civil Engineers
Diplomate, Water Resources Engineer	DWRE	American Academy of Water Resources Engineers
Engineer in Training	EIT	MN AELSLAGID
Executive Engineer	ExecEng	Executive Engineering
Fellow, American Society of Landscape Architects	FALSA	American Society of Landscape Architects
Engineering Expert Witness	EXW	
Fellow, American Council of Engineering Companies	FACEC	American Council of Engineering Companies
Global Professional in Human Resources	GPHR	HR Certification Institute
Juris Doctorate	JD	Minnesota State Bar Association
Leadership in Energy & Environmental Design		
Accredited Professional without Specialty	LEED AP	USGBC & Green Building Certification Institute
Leadership in Energy & Environmental Design		5
Accredited Professional Building Design + Construction	LEED AP BD+C	USGBC & Green Building Certification Institute
Leadership in Energy & Environmental Design		5
Accredited Professional Homes	LEED AP Homes	USGBC & Green Building Certification Institute
Leadership in Energy & Environmental Design Accredited		ő
Professional Interior Design + Construction	LEED AP ID+C	USGBC & Green Building Certification Institute
Leadership in Energy & Environmental Design Accredited		Ŭ
Professional Operations + Maintenance	LEED AP O+M	USGBC & Green Building Certification Institute
Leadership in Energy & Environmental Design		
Green Associate	LEED Green Assoc	USGBC & Green Building Certification Institute
Land Surveyor	LS	MN AELSLAGID
Land Surveyor in Training	LSIT	MN AELSLAGID
Management Engineer	MgtEng	
Professional Program Manager	MgtPro	Project Management Institute
Materials Selection/Design Specialist	MS/DS	National Association of Corrosion Engineers
Nondestructive Testing Level III Certification	NDT Level III	The American Society for Nondestructive Testing
Notary Public	NP	Minnesota Secretary of State
Professional Engineer	PE	MN AELSLAGID
Professional Geologist	PG	The American Institute of Professional Geologists
Doctor of Philosophy	PhD	Program and University Specific
Professional in Human Resources	PHR	HR Certification Institute
Professional Landscape Architect	PLA	MN AELSLAGID
Professional Land Surveyor	PLS	MN AELSLAGID
Project Management Professional	PMP	Project Management Institute
Professional Traffic Operations Engineer	PTOE	Transportation Professional Certification Board
Professional Transportation Planner	PTP	Transportation Professional Certification Board
Professional Wetland Scientist	PWS	The Society of Wetland Scientists

Certification Guide

License / Certification Reinforced Concrete Special Inspector Registered Architect Registered Landscape Architect Registered Land Surveyor Structural Engineer Senior Professional in Human Resources Subsurface Sewage Treatment Systems License Structural Engineer

Abbreviation

SE

RCSI	ICC
RA or AIA	MN AELSLAGID
RLA	MN AELSLAGID
RLS	MN AELSLAGID
SE	NCEES/Various States
SPHR	HR Certification Institute
SSTS	MN Pollution Control Agency (MPCA)
SE	NCEES

Governing Agency



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FRAMEWORK 2019 Engineering Excellence Awards Issue



Rena Weis, Wenck, electrofishing survey

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2018 ACEC/MN Scholarship Recipients



Rena Weis, Graduation, May 2017

Mentoring Matters: Shaping the Future of Engineering

The process of developing skills to become a consulting engineer is multifaceted. It takes a solid educational background, followed by on-the-job training, such as internships and mentorships. Engineering students typically graduate with basics of the field they have studied but understanding how their training should be applied takes time to develop.

Internships give students an opportunity to "try on" a particular area of practice and to experience how a firm operates. Internships can set the career direction for young engineers by providing direct real-world experience when they graduate from college but once out of school, getting emerging engineers up to speed takes effort from hiring firms to help them move forward and excel in the profession.

Mentoring is key to passing on knowledge and can aid emerging engineers in establishing career paths. ACEC/MN's scholarship program has become two-fold and was redesigned with mentoring in mind. Students are now assigned to a mentor after they receive a scholarship, before they graduate. Three-time ACEC/MN scholarship recipient and ACEC National scholarship winner, Rena Weis, is an example of a student who has benefited greatly from mentorships beginning in college.

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"Once I got involved with engineering, I crossed paths with so many amazing people, many of whom influenced my

"A mentor is someone who sees more talent and ability within you, than you see in yourself, and helps bring it out of you." **Bob Proctor**

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2019-20 Scholarship Recipients

The American Council of Engineering Companies conducts an annual scholarship competition. After reviewing scholarship materials and interviewing finalists, the committee awarded twelve scholarships totaling \$31,500.

Congratulations to these Outstanding Students



Earl Oxley Scholarship **Silas Burke** University of Minnesota, Twin Cities Mechanical Engineering



Cullen Hilliker University of St. Thomas Mechanical Engineering



Bob Rosene Scholarship **Derek Huston** University of Minnesota, Twin Cities **Civil Engineering**



Kyle Kucharski University of Minnesota, Twin Cities **Civil Engineering**



Terry Swor Scholarship **Kolten Espinosa** Minnesota State University, Mankato **Civil Engineering**



Paul Mako University of Minnesota, Twin Cities Civil Engineering, MS Structural



Don Stormoe Scholarship Alicia Stone University of Minnesota, Twin Cities Geo-Engineering



Cameron Kruse Scholarship Matthew Henderson University of Minnesota, Duluth **Civil Engineering**



HDR Scholarship (Golf Tournament Title Sponsor) Maren Mosley University of St. Thomas **Civil Engineering**



Alliant Scholarship (15" Anniversary Golf Tournament Sponsor)

Joseph Hynes University of Minnesota, Twin Cities **Civil Engineering**



Joshua Tomczak University of Minnesota, Duluth **Civil Engineering**



Leo Van Beck St. Cloud State University Land Surveying & Mapping

Thanks to our supporters and contributors, ACEC/MN awarded 12 scholarships totaling \$31,500 this year.

Scholarship Endowment Fund

In 2010, ACEC/MN and affiliate member Hiway Federal Credit Union® (Hiway) created a joint endowment strategy designed to sustain funding for the ACEC/MN scholarship program. A goal of \$100,000 was set.

Hiway launched the 10-year endowment effort with an initial contribution of \$5,000, and ACEC/MN matched that amount. We are now beyond the halfway point in the initiative, over \$73,000, with very positive results.

The development of this fund meets two important scholarship committee goals: the first being the creation of a self-sustaining source for scholarship funds, and the second being a way to make participation in that funding source easily accessible to all member firms and their employees.

Hiway's endowment donations are triggered by credit union financial transactions, such as loans or deposits, by ACEC/MN member firms or their employees. Hiway's annual contributions have been between \$1,000 and \$5,000, and Hiway has committed to a maximum contribution of \$20,000 within a given year. The larger the value of the ACEC/MN member loans and deposits with Hiway, the greater the endowment contribution.

The endowment fund provides a way for ACEC/MN members to play an active and impactful role in supporting and sustaining our scholarship program. To learn how you can support the ACEC/MN Scholarship Endowment by becoming a Hiway member, call Mark Hodowanic at 651.259.6456 or mhodowanic@hiway.org.



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Hallberg Engineering, Inc.	White Bear Lake	(651) 748-1100
M-P Consultants	Plymouth	(763) 208-6325
Palanisami & Associates, Inc.	Minneapolis	(763) 533-9403
Rani Engineering, Inc.	Minneapolis	(612) 455-3322
Sambatek, Inc.	Minnetonka	(763) 476-6010
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FIRM	CITY	TELEPHONE
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Kaskaskia Engineering Group, LLC	St. Paul	(651) 337-5652
M-P Consultants	Plymouth	(763) 208-6325
Pierce Pini & Associates	Blaine	(763) 537-1311
Professional Engineering Services, Ltd.	Wayzata	(612) 275-8190
Walker Engineering, Inc.	Anoka	(763) 422-8696

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<u>FIRM</u>	<u>CITY</u>	<u>TELEPHONE</u>
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Hallberg Engineering, Inc.	White Bear Lake	(651) 748-1100
ISG	Mankato	(507) 387-3583
Isthmus Engineering, Inc.	Blaine	(612) 306-5774
Kaskaskia Engineering Group, LLC	St. Paul	(651) 337-5652
M-P Consultants	Plymouth	(763) 208-6325
Palanisami & Associates, Inc.	Minneapolis	(763) 533-9403
Pierce Pini & Associates	Blaine	(763) 537-1311
Professional Engineering Services, Ltd.	Wayzata	(612) 275-8190
Rani Engineering, Inc.	Minneapolis	(612) 455-3322
Sambatek, Inc.	Minnetonka	(763) 476-6010
Walker Engineering, Inc.	Anoka	(763) 422-8696

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Below is an example of the	Employees in	
	-	the Firm
	Black & White, Inc. (30)	
Firm Name	1234 Anywhere St.	Principals within
	Home Office, MN 55000	the Firm
Address	(612) 123-4567	
	http://www.black&white.com	Field of Practice:
Phone Number	info@black.com	Engineering Fields
	PRINCIPALS: Tom Black, Bob White	Practiced by the Firm
E-Mail and	FIELD OF PRACTICE: Civil, Mechanical	2
Website Addresses	ACTIVITIES: Full service engineering firm providing	Activities:
	civil and mechanical engineering services to public and	Detailed Description
	private clients.	of Firm's Activities

1) To find a firm with one or more designated specialties, refer to the Specialty Services list that begins on page 52 and the Fields of Practice matrix on page 53.

2) To find a specific firm, use the alphabetical firm listing that begins on page 55.

3) To find a specific principal associated with a firm, refer to the listing of Partners and Principals that begins on page 89. For additional information about the firm, refer to the alphabetical listing.

Number of

Speciality Services

ACEC/MN firms are qualified to provide professional services in one or more of the fields listed below. Assistance in locating and contacting firms providing any of these specialties will be furnished upon request.

Civil Engineering Geotechnical Engineering Structural Engineering Structural analysis/building design Dams and related structures Foundation studies Highways/streets/bridges Geological investigations Parking structures Urban and site planning Groundwater investigations Bridges **Recreational facilities** Soil investigations and testing Retaining walls Drainage systems Soil and rock mechanics Foundations Utility systems Earth structures Bracing and shoring systems Hydrology Renovations Industrial Engineering Construction Management Management studies Estimating/budgeting/scheduling Manufacturing economics Boundary surveys Procurement Manufacturing facilities Subdivision planning Contract administration Operations analysis and scheduling Mapping Construction coordination Production methods and processes Materials handling Land surveys Electrical Engineering Product design Transportation Design of special equipment **Building wiring** Airports/railroads Communications Parking systems Electric and electronic systems Mechanical Engineering Traffic studies Heating/ventilation/air conditioning Highways/streets Elevators and escalators Instrumentation and control Boiler plants Traffic Lighting Cold storage Bridges Power production and transmission Heat transfer Energy conservation a. Agricultural **Energy Conservation** b. Architectural Energy consumption/conservation Metallurgical c. Asbestos studies Failure analysis d. Audiovisual Evaluation of existing structures/ Materials application/processing/testing e. Chemical systems Product liability Thermographic surveys and heat g. Computer loss studies Municipal Engineering h. Electronic Solar Water and sewage systems i. Forensic Solid waste systems Air pollution prevention Environmental Engineering k. Materials Environmental studies/impact Industrial waste systems I. Mining assessments Rate studies m. Planning Water resources and treatment Bonding studies Waste sampling and testing n. Plumbing management Groundwater supply Air pollution and quality control p. Restoration Water storage studies q. Roofing Hazardous waste containment Environmental impact assessments r. Sanitary Acoustic and noise control systems Land application Stormwater Infiltration/flow analysis s. t. Technology Fire Safety Sprinkler and halon system design Product Development

Surveying & Photogrammetry Topographic and geodetic surveys

Other Areas of Practice

- f. Commissioning
- j. Landscape architecture
- o. Project management
- u. Telecommunications
- v. Other

Alarm systems

Loss investigations

Code compliance/building exits

Fields of Practice

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		Construction Management														
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		Jag		Energy Conservation								Product Development				
See roster on following pages for addresses, telephone numbers,		Jai		vat								opr			_	
email and detailed description of services		∠ u		ser	Environmental		<u> </u>			a		/elo			Transportation	
		tio		Suo	Jer	≥	Geotechnical	_	cal	Metallurgical	_	De	_	50	tat	
		, nc	Electrical	C C	nn	Fire Safety	cPI	Industrial	Mechanical	ur	Municipal	t U	Structural	Surveying	Ď	
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	Civil	Jo Lo	lec	ne	N N	ire	je o	nd	٩e	٩e	٩u	ro	tr	'n	ra	Other
AE2S (Advanced Eng. & Environ. Services, Inc.)	Ĭ		•		•			-	~	~	•		•	•		m,o,s,u
AECOM	•	•	•	•	•	•		•	•		•		•	-		b,c,d,f,k,m,n,o,r,s,t,u
AKF Group LLC	-	-	•	•	•	•		-	•		•		•		-	f,i,m,n,o,r,s,t,u
			•	•		•			•		_					
Alliant Engineering, Inc.	•	٠			٠						٠		٠	٠	_	m,o,s,t
American Engineering Testing, Inc.		•			•	٠		٠			٠	٠			•	a,c,e,i,k,l,m,o,p,q,s,t,u
Anderson Engineering of Minnesota, LLC	٠													٠		b
Armstrong, Torseth, Skold and Rydeen																b,f,m,n,o,q,s,u
Asche Engineering LLC																
Barr Engineering Company	•	٠	٠		٠		٠	•	•	•	٠			•	٠	e,l,m,o,p,r,s,u
Benham, a Haskell Company	•	•	•	•	٠		•	•	•		•		•			b,e,m,n,o,r,s
BKBM Engineers	•	•			-		<u> </u>	•	-		•		•		F_	i,o,p
Bollig, Inc.	•	<u> </u>			•			-			•	-	<u> </u>	•		a,b,m,o,r
	-				-						-			_		
Bolton & Menk, Inc.	•	٠			•			٠			•		•	٠		m,r
Braun Intertec Corporation	٠	<u> </u>			٠		٠		•		٠		٠	L	•	a,c,f,i,k,p,q,s,u
Brown and Caldwell	٠	•	٠	•	٠			٠	٠		٠		٠			a,e,f,g,h,l,m,n,o,p,r,s,u
Buildings Consulting Group, Inc.	•															f,i,k,m,o,q,u
Burns & McDonnell Engineers-Consultants	٠	٠				٠	٠	٠			٠			٠	٠	b,c,e,f,m,n,o,r,s,t
CDM Smith Inc.					٠				٠		٠				٠	f,g,h,m,o,r,s,u
Clark Engineering Corporation	•			•	•			•			•		٠	٠	•	i,o,p,r,u
CNA Consulting Engineers	•			-	•		•	-			-		•	۲		l,o,p,r,s
Collaborative Design					-		-						•	-	<u> </u>	b,i,m,o,p,q,u
Collins Engineers	•												-		•	
	•	•											•		•	
DLR Group	<u> </u>	٠	•	٠		٠			•				٠			b,d,f,g,h,m,n,o,q
Dolejs Associates, Inc.			•	•		•		٠	٠		•					n,s
Dunham Associates, Inc.									•		٠					d,f,n,o,s,t,u
Emanuelson Podas, Inc.						٠		٠			٠					f,n,s
Emmons & Olivier Resources (EOR)	٠															m,p,r
Encompass, Inc.	٠	٠											٠			f,i,o,p
Engineering Partners International							٠									S
Ericksen Roed & Associates, Inc.	1												٠			i,p
ESI Engineering, Inc.	•								٠			•	•			u l
EVS, Inc.	•	•	•		•				-		•	-	-	•		m,o,u
Faith Group LLC	-		•	•	-	•		•	•		•			-		d,f,g,h,n,o,r,s,t,u
Foth Infrastructure & Environmental, LLC			_	-		-					_					
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Gale-Tec Engineering, Inc.	•						٠					٠			•	i,k,l,o,p,s
Gausman & Moore Associates, Inc.			•			٠		٠	•							f,g,h,i,n,u
GHD Services, Inc.	۲	٠			٠		٠		٠		٠					a,c,e,l,r,s
GRaEF	٠							•					٠	•	٠	b,m
Hakanson Anderson Associates, Inc.		٠			٠						٠			٠	٠	m,o,r
Hallberg Engineering, Inc.						٠			٠		٠					f,n,s,t
HGA	•		•	•		•		•	•		٠		•			b,f,m,s,t
Hanson Professional Services, Inc.	•	•	•	•	•	-	•	-	•		•		•	•		f,m,o,s,t
Hardesty & Hanover, LLC	•	•	•	•	-		•	•	•		-		•	-		m,o,s
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HDR	•	•	•	•	•			•	•		•		•		_	b,m,o,p,r
HNTB Corporation	٠	•			٠		٠				•		•			m,o,r,s
Houston Engineering, Inc.	٠				٠			٠			٠			٠		a,k,m,o,p,r,u
HR Green, Inc.	۲	•			٠			٠	٠		٠		•	٠	٠	f,m,n,o,p,q,r,s,u
IMEG			•			٠			٠							f,i,n,o,p,s,u
IMO Consulting Group	٠															b
Interstate Engineering, Inc.	٠	٠			٠			1			٠	1	٠	٠	۲	a,g,h,m,o,r
ISG	•		•		•			•	•		•		•	•		a,b,l,m,n
Isthmus Engineering, Inc.	•	1	-		-	-	-	<u> </u>	-		•	-	<u> </u>	-	•	
Jacobs	•	•	•		•	-	•	•	•	-	•	-	•	-	•	b,e,f,g,h,m,o,r,s,t
Jones, Haugh & Smith, Inc.	•	•			•		-	-	-		•		•		•	a,m,o,r
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Kaskaskia Engineering Group, LLC	٠	I				I	I				I		I		٠	L

Fields of Practice

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		Construction Management														
		em		_								ц				
		nag		Energy Conservation								Product Development				
See roster on following pages for addresses, telephone numbers,		Aa		rva;	_							do			L	
email and detailed description of services		L L		Isei	Environmental		a		_	a		vel			Transportation	
		ctio		Cor	me	ety	Geotechnical	a	Mechanical	Metallurgical	al	De	a,	g	rta	
		tru	Electrica	ß	on	Fire Safety	ect	Industrial	har	allu	Municipal	uct	Structura	Surveying	spc	L.
	Civil	suc	ect	Jer	vir	re	eot	qu	lec	leta	n	po.	ruc	Ž	an	Other
Kimley-Horn			Ξ	ш	• E	Ë	Ú	<u> </u>	≥	≥		P		S	Τī	o m,o,r,t
Larson Engineering, Inc.	•	•		•	•			•			•		•		•	b,f,k,m,o,p,q,r,u
LHB	•	•	•	•		•		•	•		•		•	•	•	b,f,m,n,o,p,q,r,s,t,u
Loucks	•	•	•	•	•	-		-	-		•		•	•		m,o
M Squared Engineering	•	-			•						•			-		m
Martin Pevzner Engineering	-		•	•				•	•		-				•	f,m,n,o
Mattin Feverier Engineering Mattson Macdonald Young, Inc.			•	•				-	-				•			n
Mead & Hunt, Inc.	•	•	•		•		•	•	•		•		•	•	•	b,m,n,o,r,s,t,u
Meyer Borgman Johnson	•	•	•		•		•	-	-		-		_	-	•	D,111,11,0,1,3,t,u
Michael Baker International	•	•	\vdash	\vdash	\vdash			-			-	-	•		•	
Michel Consultancy	-	-	•	\vdash	\vdash			-			-	-	-		-	
Michaud Cooley Erickson	-		•	•	\vdash	•		-	•		•	-	-			d,f,g,h,n,t,u
Moore Engineering, Inc.	•		•	•		•			-		•		-	•		m,o,r,u
M-P Consultants, PC	•		•			•					•		-	-	•	f,s,t
MSA Professional Services, Inc.	•	•	•		•	•					•		•	•	•	c,m,o,r
Nelson - Rudie & Associates	•	•	•		•				•		•		•	-	•	n
Northern Technologies, LLC	•		•		•		•		-				•			i,k,s,u
Obermiller Nelson Engineering	•		•	•	•	•	•		•							n
Olson & Nesvold Engineers, P.S.C	•		•	•		•		•	•				•	•		i,p
Oswell Engineering and Consulting, LLC	•							•					•	•	•	I,p
Palanisami & Associates, Inc.	-	•					•				•		•			p,s
PARSONS	•	•			•		•				•		•		•	р,s m,o
Paulson & Clark Engineering, Inc.	•	•	•						•		•		•			d,n,p,s
Pierce Pini & Associates, Inc.	•		•						•				•			u,n,p,s
	•															
Professional Engineering Services, Ltd.	•	•			•						•			•		
Rani Engineering, LLC	•	•									•		•	•	•	m,o
Reigstad Engineers, Inc.													•			i,p
RESPEC	•	•			•		٠				•					a,l,m,o,p,r,s
Rodeberg & Berryman, Inc.	•	٠									•			٠		
Safe Haven Structural Eng. LLC (Safe Haven SE)													•			a h m o a u
Sambatek, Inc.	•	٠			•						٠			٠	•	g,h,m,o,r,u
Sandman Structural Engineers		_					_	-			-		•			
Short Elliott Hendrickson Inc. (SEH)	•	•	•	٠	•		٠	٠			٠		•	٠	_	a,b,d,l,m,o,q,r,s,t,u
SRF Consulting Group, Inc.	•	٠	•		•		_	_			٠		٠	٠	-	m
Stanley Consultants, Inc.	٠	٠	٠	٠	•		٠	٠	٠		٠		٠			b,f,m,n,o,r,s,u
Stantec	•	•	٠	•	•		٠	٠	٠		٠		٠	٠		a,b,c,e,f,l,m,n,o,p,q,r,s,t,u
Stonebrooke Engineering, Inc.	٠	٠			٠			-						٠	٠	m,o,u
Structural Resource Center, LLC		_					_	•			-		٠			i,m,o,p,u
Terracon Consultants, Inc.	•	٠			•	-	٠	٠			٠		٠			a,b,c,k,o,q,s,t
TKDA	٠	٠	٠	•	٠	٠		٠	٠		٠		٠	٠		b,f,l,m,q,r
Ulteig	٠	٠	٠	٠	٠				٠		٠		٠	٠	-	m,o,s,t
VAA, LLC	٠	٠	٠					٠	٠		٠		٠		_	a,b,f,k,m,o,p,u
Walker Engineering, Inc.	٠	<u> </u>					<u> </u>	<u> </u>			٠		٠		•	
Walker Consultants			•						٠				•		٠	b,m,o,p,q,s,u
Wenck	٠	٠	٠	٠	٠		٠	٠	٠		٠		<u> </u>	٠	•	a,c,e,f,g,h,k,m,o,r,s
Wenzel Engineering, Inc.	٠												٠			
WHKS & Co.	٠				٠			<u> </u>			٠		٠	٠	٠	r
Widseth Smith Nolting & Assocs., Inc.	•	٠	٠	٠	•		_	<u> </u>	٠		٠		٠	٠		b,m,o,r
WSB	٠	٠			•		٠	<u> </u>			٠		٠	٠		c,k,m,o,r,s,u
WSP USA	٠	٠	•		٠	٠	٠	-			٠		٠		•	b,m,o,s
Wunderlich-Malec Engineering, Inc.								٠					1			b,e,f,g,h,l,s,t

AE2S (Advanced Engineering & **Environmental Services, Inc.)**

Water Tower PI Business Ctr. 6901 East Fish Lake Rd, Ste 184 Maple Grove, MN 55369 Phone: (763) 463-5036 Website: http://www.ae2s.com Email: andrea.boe@ae2s.com

4170 28th Avenue South Fargo, ND 58104 Phone: (701) 364-9111

4050 Garden View Dr. Ste 200 Grand Forks, ND 58201 Phone: (701) 746-8087

3101 Frontage Rd S Moorhead, MN 56560 Phone: (218) 299-5610

PRINCIPALS: Grant Meyer, PE; Eric Dodds, PE FIELDS OF PRACTICE: Environmental (Water and Wastewater), Civil, and Electrical

ACTIVITIES: AE2S is a specialized civil/environmental consulting engineering firm that primarily provides water, wastewater, and water resources system consulting services (representing approximately 90 percent of our business). In addition, we also provide value-added services such as financial analysis and utility rate planning (AE2S completes an Annual Utility Rate Survey for Cities in the Upper Midwest), funding development, vulnerability assessments, modeling, instrumentation and controls, information technology, and asset management. Among our offices in MN, ND, and MT, AE2S has a staff of approximately 175 engineers, instrumentation and controls technicians, civil technicians, surveyors, financial analysts, computer programmers, and administrative personnel.

AECOM

800 LaSalle Ave., Suite 500 Minneapolis, MN 55402 Phone: (612) 376-2000 Website: http://www.aecom.com Email: info@aecom.com

PRINCIPALS: Michelle Julius; Richard P. Wolsfeld; Rich Lay; Dan Meyers; Daryl Beck; Mark Ryan; Daryl Taavola; Jeff Rhoda

FIELDS OF PRACTICE: Buildings & Places (Architecture & Interiors), Environment, Transportation, and Water / Wastewater

ACTIVITIES: AECOM's local office specializes in (23) buildings & places, environment, transportation, and water businesses. Experience includes, but is not limited to, transportation design, bridge design, water and wastewater design. Environmental engineering and consultation: Phase I and II environmental site assessments, remedial investigation, remedial corrective action design, toxicology, hydrology, hydraulics, hydrogeology, drinking water, wastewater, water reuse, groundwater studies and sampling, stormwater, wetland delineation and mitigation, underground and aboveground storage tanks, air quality, spill response plans, septic system design, evaluations and improvement. Project management, construction management and oversight. Architectural, interior design, and planning for commercial, corporate, educational, sports, health care and local/federal governmental fields. Master planning, feasibility studies and programming for facilities and operations.

AKF Group LLC

(8) 250 South Marquette Ave Suite 1350 Minneapolis, MN 55401 Phone: (612) 354-2442 Website: http://www.akfgroup.com Email: AFKMN@akfgroup.com PRINCIPALS: Deborah Reider, PE FIELDS OF PRACTICE: Mechanical, Electrical, Fire Protection Engineering, Energy Modeling, Commissioning, Code Consulting, IT Technology, Security, A/V, Lighting Design ACTIVITIES: AKF Group LLC is an award-winning professional services firm providing professional services firm providing engineering, code consulting, fire and smoke modeling, commissioning, testing, IT infrastructure consulting including security, A/V and technology, sustainability and lighting design services. Established

in 1989, the firm serves clients in the private and public sectors including corporate, critical systems, cultural, educational, healthcare, hospitality, residential, retail, and science and technology projects. Headquartered in New York with additional offices throughout the US and Mexico, AKF is built on maintaining long-term relationships with clients, providing innovative sustainable designs, translating engineering opportunities into total, practical and effective solutions that exceed our clients' expectations. AKF operates as a single firm-wide team providing our clients access to the firm's total pool of knowledge and skills.

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Alliant Engineering, Inc.

733 Marquette Avenue, Suite 700 Minneapolis, MN 55402 Phone: (612) 758-3080 Website: http://www.alliant-inc.com Email: jdillingham@alliant-inc.com

7406 Fullerton St, Ste 110 Jacksonville, FL 32256 Phone: (904) 366-9654

PRINCIPALS: John Dillingham, PE; Clark Wicklund, PE; Bob Green, PE, PTOE; Dennis Olmstead, PLS; Mike Anderson, PE; Brett Burfeind, PE; Tom Jensen, PE; Mark Rausch, PE; Steve Weser, PE

FIELDS OF PRACTICE: Transportation, Civil Engineering, Land Development, Surveying

ACTIVITIES: Alliant was founded in Minneapolis in 1995 as a small consulting engineering company dedicated to innovative design. Today, we have become a multidisciplinary professional services firm by delivering the highest quality and service to our clients and providing our Alliant team members with exciting opportunities to grow and excel. We plan, design and manage complex projects while encouraging a culture of leading, learning, collaboration and fun.

American Engineering Testing, Inc. (310)

550 Cleveland Ave. North St. Paul, MN 55114 Phone: (651) 659-9001 Website: https://www.amengtest.com Email: info@amengtest.com

4431 W. Michigan St., #4 PO Box 16008 Duluth, MN Phone: (218) 628-1518

1603 Halbur Road Marshall, MN Phone: (507) 532-0771

1730 First Ave. Mankato, MN Phone: (507) 387-2222

1937 Seventh St. NW, Ste 1 Rochester, MN Phone: (507) 281-3547

5548 Barthel Industrial Dr, Ste 500 Albertville, MN 55301 Phone: (763) 428-5573

1837 County Hwy. OO Chippewa Falls, WI 54729 Phone: (715) 861-5045

3194 Market Street, Suite D Green Bay, WI 54304 Phone: (920) 660-5602 4203 Schofield Ave., Ste #1 Schofield, WI Phone: (715) 359-3534

(114)

3800 East Highway 34 Pierre, SD Phone: (605) 224-9535

107 West Oak St. Beresford, SD Phone: (605) 763-8061

1745 Samco Road Rapid City, SD Phone: (605) 388-0029

601 E. 48th St. N. Sioux Falls, SD 57104 Phone: (605) 332-5371

99 26th St. East P.O. Box 1868 Dickinson, ND 58602 Phone: (701) 483-4288

310 Airport Road Williston, ND 58801 Phone: (701) 483-4288 **PRINCIPALS:** Daniel Larson, PE; David Rettner, PE; Robert Krogsgaard; Thomas Venema, PE; Gregory Reuter, PE; Matthew Ruble, PE; Gail Cederberg, PhD; Dick La Fond, PE

FIELDS OF PRACTICE: Environmental, Geotechnical, Materials, Forensic, Nondestructive Testing and Petrographic Consulting and Laboratory Services **ACTIVITIES:** In an ever-changing world, AET's comprehensive geotechnical, environmental, materials and forensics engineering services keep you on the cutting edge; helping you make sustainable decisions and unlocking your most complex challenges. We combine the finely tuned skills of over 400 employees with industry-leading technology to recommend complete solutions that help designers, contractors, public agencies, owners, and material suppliers perform at their best. Learn how we engineer and deliver creative solutions that improve our world at www.amengtest.com. ENVIRON-MENTAL: Phase I and II ESAs, wetland services, air emissions control, remedial investigations, corrective action design and asbestos and hazardous materials surveys. GEOTECHNICAL: Subsurface exploration reports and recommendations, pavement management, pile driving analysis (PDA). MATERIALS: Engineering evaluation and consultation, field and laboratory testing, quality assurance/control observation and testing, IBC Special Inspections, roofing. FORENSIC: Failure/distress investigation, historic preservation/restoration, condition assessment, materials evaluation, building envelope assessment. PETROGRAPHIC: Hardened concrete analysis, aggregate and material testing. NONDESTRUCTIVE TESTING: Magnetic particle, dye penetrant, ultrasonic, radiography, CWI, welder qualification.

Anderson Engineering of Minnesota, LLC

site development to historic preservation.

Minnesota, LLC 13605 1st Avenue North, Suite 100 Plymouth, MN 55441 Phone: (763) 412-4000 Website: https://www.ae-mn.com/ PRINCIPALS: Roger Anderson, PE FIELDS OF PRACTICE: Civil Engineering, Land Survey, Architecture, Cultural Resources, Environmental Services, GIS, Landscape Architecture ACTIVITIES: Since 1989 Anderson Engineering of Minnesota, LLC has been helping developers, land owners, design firms, and all levels of government take their projects from concept to completion. Anderson Engineering of Minnesota, LLC can handle your large and small projects from cemetery master planning to environmental compliance, residential & commercial

(47)

Armstrong, Torseth, Skold and Rydeen (60)

8501 Golden Valley Rd., #300 Minneapolis, MN 55427 Phone: (763) 545-3731 Website: http://www.atsr.com Email: information@atsr.com **PRINCIPALS:** Paul Erickson

FIELDS OF PRACTICE: Mechanical and Electrical Engineering; Architecture, Planning, Interior Design, Landscape Architecture, Technology

ACTIVITIES: A full-service architectural/engineering firm founded in 1944. Offer services in educational planning, architecture, landscape architecture, mechanical engineering, electrical engineering, interior design, technology, specifications and construction administration. The firm's primary focus and extensive experience is educational facilities with projects throughout the United States.

Asche Engineering LLC

3716 Burgen Road SE Alexandria, MN 56308 Phone: (320) 808-4146 Website: http://ascheengineering.com/ Email: bryan@ascheengineering.com PRINCIPALS: Bryan Asche, PE FIELDS OF PRACTICE: Structural ACTIVITIES: Timely, technically sound and cost effective structural design for a wide client base.

(1)

(595)

Barr Engineering Co.

4300 MarketPointe Drive, Suite 200 Edina, MN 55435 Phone: (952) 832-2600 Website: http://www.barr.com

325 South Lake Ave., Ste 700	234 West Century Avenue
Duluth, MN 55802	Bismarck, ND 58503
Phone: (218) 529-8200	Phone: (701) 255-5460
3128 14th Avenue East	500-808 4th Avenue SW
Hibbing, MN 55746	Calgary, AB T2P3E8
Phone: (218) 262-8600	Phone: (403) 592-8300
1001 Diamond Ridge, #1100	4771 50th Street SE
Jefferson City, MO 65109	Grand Rapids, MI
Phone: (573) 638-5000	Phone: (616) 512-7000
3005 Boardwalk Street, #100	170 S Main St, Ste 500
Ann Arbor, MI 48108	Salt Lake City, UT 84101
Phone: (734) 922-4400	Phone: (801) 333-8400

PRINCIPALS: Aaron Grosser, Al Gebhard, Andy Polzin, Tony Widboom, Art Kalmes, Beth Havlik, Brad Lindaman, Brian Sillanpaa, Brian Angerman, Brian LeMon, Chandler Taylor, Cheryl Feigum, Chris Kopchynski, Tina Pint, Cliff Twaroski, Dale Kolstad, Dale Finnesgaard, Dan Fetter, Don Richard, Doug Connell, Ellen Richard, Eric Hedblom, Greg Keil, Hal Runke, Ivan Contreras, Jim Herbert, Jim Langseth, Jim Aiken, Jamie Bankston, Janna Kieffer, Joel Trinkle, Joel Bahma, John Quist, John Borovsky, John Hanson, John Lee, Jon Ausdemore, Joe Berns, Karen Chandler, Karma Hughes, Keith Hanson, Kurt Leuthold, Len Kremer, Mark Jacobson, Mary Sands, Matt Johnson, Michael Haggerty, Mike Hansel, Nate Kowalsky, Nick Nelson, Paul Kaeding, Paul Schiller, Paul Swenson, Paul Taylor, Philip Solseng, Ray Wuolo, Bob Obermeyer, Rob Osburn, Sara Gaffin, Scott Sobiech, Sheldon Sorensen, Steve Klein, Teri Perry, Terry Krohnberg, Tom Mattison, Tom MacDonald, Tom Radue, Tim Russell, Todd Fasking, Tor Hansen, Ward Swanson, Bill Forsmark, Alina Heydt, Eric Dott, Guy Partch, Jeff Lee, Mark Hagley, Nancy Johnson Dent, Rick Palm, Steve Marshik, Cliff Rasch, Harry Larson, Jim Jagunich, Joe Vespa, Mike Ziemba, Dave Wilde

FIELDS OF PRACTICE: Civil, Environmental, Chemical, Hydraulic, Structural, Industrial, Electrical, Mechanical and Geotechnical Engineering; Chemistry, Geology, Hydrology, Hydrogeology, Limnology, Biology, Soil Science and Atmospheric Science

ACTIVITIES: ASSESSMENT AND REMEDIATION: Site investigation and remediation; feasibility studies; waste characterization; property assessments; groundwater modeling. AIR QUALITY: Permitting assistance; regulatory analysis; dispersion modeling; stack testing; emission control. FACILITIES AND INFRASTRUCTURE: Dams: hvdraulics: landfills: task management: waste minimization studies: mineland reclamation; tailing basins; foundations. PROCESS DESIGN: Design of the following types of systems: materials handling, transport and storage; treatment and processing for air, waste and water; HVAC; electrical power and controls; process controls. WATER RESOURCES: Water quality; watershed investigations; flood control; algae and milfoil surveys; NPDES permit assistance; wetland delineation, mitigation and permitting.

Benham, a Haskell Company

60 East Plato Blvd. St. Paul, MN 55107 Phone: (651) 209-2804 Website: http://www.haskell.com Email: greg.ohlhues@haskell.com PRINCIPALS: S.W. Sauer, G.R. Ohlhues FIELDS OF PRACTICE: Civil, Computer, Electrical, Mechanical, Energy Conservation & Communications, Hydraulics, Hydrology, Solid Waste, Structural, Industrial, Commercial

ACTIVITIES: Industrial and retail facilities design, clean rooms, material handling; military and DoD design, hangers, readiness centers; power supply planning; hydro and thermal generation; electric transmission and distribution, electric rate studies, financial and technical feasibility studies; dams; water supply, storage, distribution and treatment; irrigation systems; wastewater treatment; solid waste management; site studies and planning; streets, drainage; valuations and appraisals.

BKBM Engineers

6120 Earle Brown Drive, Suite 700 Minneapolis, Minnesota 55430 Phone: (763) 843-0420 Website: http://www.bkbm.com Email: arauch@bkbm.com

3507 Ringsby Court, Suite 105 Denver, CO 80216 Phone: (720) 515-9807

PRINCIPALS: Ronald J. LaMere, PE; Andrew M. Rauch, PE; Thomas J. Cesare, PE; Katherine A. Russell, PE

FIELDS OF PRACTICE: Structural, Civil, and Restoration Engineering

ACTIVITIES: BKBM Engineers is a nationally renowned, multi-disciplined engineering firm providing structural design, civil design, restoration, and investigative services for a wide range of building types and sizes. We listen, ask questions, and apply our expertise to provide solutions that are economical and add value. BKBM is committed to on-schedule project completion, client satisfaction, and a contractor-friendly approach.

Bollig, Inc.

1700 Technology Drive NE, Suite 124 Willmar, MN 56201 Phone: (320) 235-2555 Website: http://www.bollig-engineering.com Email: krosenboom@bollig-engineering.com

2171 Troop Drive Sartell, MN 56327 Phone: (320) 235-2555

PRINCIPALS: Brian Bollig, PE

(25)

(60)

FIELDS OF PRACTICE: Civil, Planning, Environmental, Water Resources, Transportation, Ag Engineering, Architecture, Surveying

ACTIVITIES: Bollig Inc. is a professional municipal engineering and architecture consulting firm with its corporate office located in Willmar, MN with a branch office in Sartell, MN. We specialize in planning, funding acquisition, design, bidding, and construction services. We help our clients leverage funding/finance opportunities for themselves through a combination of strategic planning, grant writing, and funding advocacy. We are a client service firm, assuring our clients that we will be an honest, dedicated partner reaching for the highest quality on their project.

Bolton & Menk,	Inc.	(392)
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1960 Premier Dr. Mankato, MN 56001 Phone: (507) 625-4171 Website: http://www.bolton-menk.com Email: bmi@bolton-menk.com

12224 Nicollet Ave Burnsville, MN 55337 Phone: (952) 890-0509

2638 Shadow Lane, Ste 200 Chaska, MN 56301 Phone: (952) 448-8838

1501 South State St, Ste 100 Fairmont, MN 56301 Phone: (507) 238-4738

2040 Highway 12 East Willmar, MN 56201 Phone: (320) 231-3956

1243 Cedar Street NE Sleepy Eye, MN 56085 Phone: (507) 794-5541 7533 Sunwood Dr NW , Ste 206 Ramsey, MN 55303 Phone: (763) 433-2851

7656 Design Road, Ste 200 Baxter, MN 56425 Phone: (218) 825-0684

2035 County Road D East Maplewood, MN 55109 Phone: (651) 704-9970

2900 43rd Street NW, Ste 100 Rochester, MN 55901 Phone: (507) 208-4332

PRINCIPALS: Brad DeWolf, Kreg Schmidt, Robert Brown, Gregory Sindt, Herman Dharmarajah, Daniel Sarff, Mark Kasma, Chris Chromy, Seth Peterson **FIELDS OF PRACTICE:** Civil/Municipal, Water,

(17) Wastewater, Land Surveying, Transportation, Water Resources, Aviation, Landscape Architecture, Cultural Resources, Coatings Inspection, Structural, Geographic Information Systems, Funding Assistance, Planning

ACTIVITIES: Bolton & Menk, Inc. specializes in providing public infrastructure solutions. We take care of our clients by providing quality services and the right solutions for their needs. With 18 office locations throughout the Upper Midwest, we're local. Our team is made up of nearly 500 employees including a professional staff of over 150 engineers, planners, landscape architects, and surveyors. With the corporate office in Mankato, the firm also operates offices in Baxter, Burnsville, Chaska, Fairmont, Maplewood, Ramsey, Rochester, Sleepy Eye, Willmar, and Duluth Minnesota; Ames, Des Moines, Cedar Rapids, Spencer, Algona and Jefferson, Iowa; and Fargo, North Dakota. We're Real People offering Real Solutions.

Braun Intertec Corporation

11001 Hampshire Avenue South Minneapolis, MN 55438 Phone: (952) 995-2000 Website: http://www.braunintertec.com Email: info@braunintertec.com

2120 Howard Drive West, Ste B Mankato, MN 56003 Phone: (507) 594-3000

 3404 15th Ave E, Ste 9
 1502 Grumma

 Hibbing, MN 55746
 Bismarck, ND

 Phone: (218) 263-8869
 Phone: (701) 2

3900 Roosevelt Rd, Ste 113 St. Cloud, MN 56301 Phone: (320) 253-9940

4210 Highway 14 East Rochester, MN 55904 Phone: (507) 281-2515

1826 Buerkle Road St. Paul, MN 55110 Phone: (651) 487-3245

4511 West First St, Ste 4 Duluth, MN 55807 Phone: (218) 624-4967

2309 Palace Street La Crosse, WI 54603 Phone: (608) 781-7277

526 10th St NE, Ste 300 West Fargo, ND 58078 Phone: (701) 232-8701 1502 Grumman Lane Bismarck, ND 58504 Phone: (701) 255-7180

(350)

11529 West 79th St, Bdg 21 Lenexa, KS 66214 Phone: (913) 962-0909

1901 16th Ave. SW, Ste 2 Cedar Rapids, IA 52404 Phone: (319) 365-0961

11941 Cutten Road Houston, TX 77066 Phone: (936) 321-2522

5806 Baldwin Lane, Unit #5 Williston, ND 58801 Phone: (701) 609-5363

440 Industrial Parkway Lafayette, LA 70508 Phone: (337) 412-6129

12029 Warfield Street #129 San Antonio, TX 78216 Phone: (210) 625-4900 PRINCIPALS: Gregory J. Bialon, David B. Bomersine, Carmen Borgeson, Michael L. Bratrud, Charles R. Brenner, Jon A. Carlson, Marvin C. Denne, Jackie Dylla, Greg W. Ebeling, Steven J. Flaten, Alf Gardiner, Mark W. Gothard, Mark L. Gretebeck, Ken J. Haag, Brian Hase, Michael M. Heuer, Daniel R. Holte, Charles D. Hubbard, Ray A. Huber, Gregg R. Jandro, Robert J. Janssen, Gregg Kruse, Steven P. Nagle, Tim Lenway, Thor Stangebye, Thomas P. Wagner, Chris Thompson, Sean Swartz, Jeff Gebhard, Tim Wiles FIELDS OF PRACTICE: Geotechnical Engineering; Environmental Consulting; Pavement Engineering; Construction Materials Testing; Nondestructive Examination Services; Laboratory Analysis; Building Forensics

ACTIVITIES: Multi-disciplinary engineering, environmental and testing firm serving clients as a consultant in property development and redevelopment issues ranging from pre-project, geotechnical and environmental evaluations through design, construction and ongoing facility maintenance.

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Brown and Caldwell

Minneapolis, MN 55418

30 7th Street E, Suite 2500 St. Paul, MN 55101 Phone: (651) 298-0710 Website: http://www.brownandcaldwell.com Email: tblock@brwncald.com PRINCIPALS: Timothy J. Block FIELDS OF PRACTICE: Environmental Consulting and Engineering ACTIVITIES: Brown and Caldwell provides full service

ACTIVITIES: Brown and Caldwell provides full service environmental consulting and engineering for municipal and industrial clients in the areas of wastewater, potable water, watershed management, remediation and regulatory compliance/environmental assessment.

Buildings Consulting Group, Inc. (9) 2855 Anthony Lane South, Suite 200

Phone: (612) 789-6696 Website: http://www.bcgminnesota.com Email: general@bcgminnesota.com **PRINCIPALS:** Lewis Y. Ng, Keith A. Pashina, Steven M. Talafous **FIELDS OF PRACTICE:** Civil, Structural and Material Engineering Consulting **ACTIVITIES:** Consulting engineering in: (1) structural engineering design and (2) restoration engineering evaluation of existing condition, analysis of material and structural failure, material performance studies, design of renovation and repair programs, implementation of maintenance program and project management of renovation projects.

Burns & McDonnell

Engineers-Consultants

8201 Norman Center Drive, Suite 300 Bloomington, MN 55437 Phone: (952) 656-6003 Website: http://www.burnsmcd.com Email: gsieve@burnsmcd.com

PRINCIPALS: Gene Sieve, PE, LEED BD+C **FIELDS OF PRACTICE:** Civil, Construction Management, Commissioning, Communications, Electrical, Energy Conservation, Environmental, Fire Protection, Geotechnical, Mechanical, Municipal, Structural, Surveying and Transportation

ACTIVITIES: Comprehensive professional engineering and design-build services for private industry and government. Major service sectors include: aviation; civil works; community development; air quality; transportation; hazardous and solid waste management; water supply and water resources; stormwater management and flood control; wastewater; environmental studies; military and defense facilities, commercial, institutional, and industrial facilities; security systems; industrial energy; power generation, transmission, and distribution; chemical process; petrochemicals and food, management services, healthcare facilities.

CDM Smith Inc.

652 Bielenberg Drive, Suite 203 Woodbury, MN 55125 Phone: (651) 252-3800 Website: http://www.cdmsmith.com **PRINCIPALS:** Vincent Plansky, Steven Wolsfeld, Susan Foley, Rob Isabel, Rachel Harris **FIELDS OF PRACTICE:** Environmental Consulting Services

ACTIVITIES: CDM Smith is a full-service consulting engineering, construction, and operations firm. Founded in 1947, CDM Smith has grown to its current size of more than 5,000 employees in over 100 offices across the U.S. and overseas. Services include providing integrated solutions in water, environment, transportation, energy, and facilities to public and private clients worldwide.

(96) Clark Engineering Corporation (24)

12755 Highway 55, Suite 100 Plymouth, MN 55441 Phone: (763) 545-9196 Website: http://www.clark-eng.com Email: info@clark-eng.com

3314 Milwaukee Ave. NE, Ste 2 Aberdeen, SD 57401 Phone: (605) 225-3494

1410 W. Russell St.	1205 N Harrison Ave, Ste 101
Sioux Falls, SD 57104	Pierre, SD 57501
Phone: (605) 331-2505	Phone: (605) 494-0273
114 First Ave. NW	2297 Kansas Ave. SE, Ste C
114 First Ave. NW Watertown, SD 57201	2297 Kansas Ave. SE, Ste C Huron, SD 57350

PRINCIPALS: Cory Casperson, Timothy LaBissoniere, Abi Assadi, Donald Weigel, Kevin Goff, Vladimir Scheglowski, Seth Spychala, Steven Myer **FIELDS OF PRACTICE:** Civil and Structural

Engineering, Land Surveying

(10)

ACTIVITIES: Complete structural engineering, civil engineering and land surveying for commercial, industrial and public buildings, bridges, towers, foundations, overhead materials handling systems and blast resistant structures; water supply distribution and storage; solid and liquid waste collection, treatment and disposal; street, highway, storm water systems; site development planning, investigations, studies, reports, plans and specifications; parking garages; façade assessments; forensic engineering; property condition assessments; emergency response services.

CNA Consulting	Engineers	(13)

2800 University Avenue SE Minneapolis, MN 55414 Phone: (612) 379-8805 Website: http://www.cnaengineers.com Email: brent.nelson@cnaengineers.com **PRINCIPALS:** Charles R. Nelson, Brent Nelson **FIELDS OF PRACTICE:** Civil, structural, environmental, geotechnical, restoration, surveying, mining, project management, transportation and construction engineering

ACTIVITIES: CNA is located in Minneapolis, with registered Professional Engineers and other technical and office staff offering professional engineering services to the construction industry, municipalities, and communication and energy companies in the area of geotechnical, geostructural, civil, structural and construction engineering. Most, but not all, of the company projects are constructed in the ground. We have a 30-year track record of successful projects and satisfied clients on local, national and international projects.

(12)

(3)

Firm Listings

Collaborative Design

125 SE Main St ,Suite 240 Minneapolis, MN 55414 Phone: (612) 889-7986 Website: http://www.cdg-mn.com Email: cmilkert@cdg-mn.com

PRINCIPALS: Pamela Gilbert; William Hickey, AIA; Michael Jordan, AIA; Craig Milkert, PE; James O'Shea **FIELDS OF PRACTICE:** Architecture, Interiors, Site Master Planning, Structural Engineering, Historic Preservation, Existing Building Evaluations, Forensic Engineering

ACTIVITIES: Collaborative Design Group is a multidisciplinary design firm providing Structural Engineering, Architecture, Planning, Interior Design, and Historic Preservation Services. In addition to providing designs for new buildings, our Existing Buildings Group engineers specialize in condition assessment of buildings, parking garage certifications, exterior envelope analysis, forensic investigations, and preservation and restoration planning.

Collins Engineers

1599 Selby Avenue, Suite 206 St. Paul, MN 55104 Phone: (651) 341-4039 Website: http://www.collinsengr.com Email: blovelace@collinsengr.com

123 North Wacker Drive, Suite 300 Chicago, IL 60606 Phone: (312) 704-9300

PRINCIPALS: Barritt Lovelace, PE **FIELDS OF PRACTICE:** Structural, Civil **ACTIVITIES:** Collins Engineers, Inc. is an ENR Top 500 Design Firm and provides civil, structural, water resources, waterfront, and underwater engineering ser-

vices to government agencies, contractors, and private sector clients.

DLR Group

520 Nicollet Mall, Suite 200 Minneapolis, MN 55402 Phone: (612) 977-3500 Website: http://www.dlrgroup.com Email: minneapolis@dlrgroup.com **PRINCIPALS:** Griff Davenport, Jeff Fenimore, Kelly Artz, Don Horkey, Tom Gerster, Greg Hollenkamp, Lee Meyer, Juliane Laue **FIELDS OF PRACTICE:** Electrical Engineering, Mechanical Engineering, Structural Engineering, Architectural, Interior Design

(22) ACTIVITIES: DLR Group has been providing exceptional planning, programming and design services since its inception in 1966. We have been involved in more than 700 projects and members of our team have served as keynote speakers for regional professional associations. As a full-service integrated architectural and engineering firm, we are a national leader in designing facilities involving the education, corporate, athletic, government and corrections industries. We continue to provide comprehensive designs that effectively accommodate the needs of all users.

Dolejs Associates, Inc. 1624 N. Riverfront Dr. Mankato, MN 56001 Phone: (507) 625-7869 Email: mdolejs@dolejsinc.com

17792 Idawood Path Lakeville, MN 55044 Phone: (952) 435-6790

PRINCIPALS: Michael S. Dolejs, PE **FIELDS OF PRACTICE:** Mechanical and Electrical Engineering

ACTIVITIES: Electrical and mechanical engineering, construction plans, specifications, construction observation and contract administration. Preparation of technical studies including energy audits, economic feasibility, system troubleshooting and construction planning programs. Project expertise including hospitals, medical clinics, educational buildings, churches, retail stores, multiple unit housing, motels, recreational and municipal facilities.

Donohue & Associates, Inc.

4500 Park Glen Road, Suite 125 St. Louis Park, MN 55416 Phone: (952) 920-1811 Website: http://www.donohue-associates.com Email: elynne@donohue-associates.com **PRINCIPALS:** Eric J. Lynne **FIELDS OF PRACTICE:** Water Treatment, Wastewater

Treatment, Water Reuse, Water Collection and Distribution

ACTIVITIES: Donohue & Associates, Inc. is an employeeowned firm specializing in water treatment and distribution, wastewater collection and treatment, transportation, and other municipal engineering projects. Our areas of expertise include evaluations, master planning, design, construction phase services, plant startup/training, troubleshooting, and program management.

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Dunham Associates, Inc.

50 South Sixth Street, Suite 1100 Minneapolis, MN 55402 Phone: (612) 465-7550 Website: http://www.dunhameng.com Email: info@dunhameng.com

421 First Avenue SW Suite 201W	306 West Superior Street Suite 1006
Rochester, MN 55902	Duluth, MN 55802
Phone: (507) 424-6850	Phone: (218) 740-0438

PRINCIPALS: Jay Rohkohl, Stephen Gentilini, Tom Betley, Nicolas J. Igl, Matt Jensen, Randy Olson, Todd Grube, Greg Steinmetz, Darin May, Mark Azure, Thomas Lind

FIELDS OF PRACTICE: Mechanical, Electrical, CFD Modeling, Indoor Air Quality, Displacement Ventilation, Commissioning and Energy Services, Telecommunications, Mission Critical Design, Sustainable Design and LEED Certification.

ACTIVITIES: Mechanical and electrical engineering services, including master planning, feasibility studies, energy analyses, design, drawing and specification preparation, construction supervision, and retrofit analysis and design. Recent projects include manufacturing plants, biotechnology manufacturing and clean rooms, mixeduse facilities, corporate offices, data centers, casinos and hotels, hospitals, clinics, parking ramps, schools, higher education campuses, shopping centers, and multi-family housing.

Emanuelson Podas, Inc.

7705 Bush Lake Road Edina, MN 55439 Phone: (952) 930-0050 Website: http://www.epinc.com Email: svanderheiden@epinc.com **PRINCIPALS:** Michael Webert, PE; Scott Vander Heiden, PE; Matthew Fults, PE, John K. Nordstrom, PE; Troy Nystrom, PE **FIFL DS OF PRACTICE:** Mechanical Electrical

FIELDS OF PRACTICE: Mechanical, Electrical **ACTIVITIES:** Preparing mechanical and electrical plans and specifications for building and construction and energy system analysis. Mechanical work includes plumbing, heating, ventilation, air conditioning and controls. Electrical work includes lighting, power, communications and controls.

Emmons & Olivier Resources (EOR) (31)

7030 6th Street North Oakdale, MN 55128 Phone: (651) 770-8448 Website: http://www.eorinc.com Email: bclubb@eorinc.com **PRINCIPALS:** Brett Emmons, Cecilio Olivier **FIELDS OF PRACTICE:** Water/Civil Resources Engineering, Environmental Consulting, Landscape Architecture, Sustainability and Resource-Based Planning

ACTIVITIES: EOR is a multi-disciplined, water-centric engineering and environmental consulting firm that specializes in the water resource/civil engineering, natural resources management, sustainable landscape architecture, planning, and design. EOR provide services from preliminary planning and feasibility studies to project analysis and design through to project implementation/completion. Extensive public-involvement and stakeholder facilitation experience. EOR: water – ecology – community

Encompass, Inc.

(66)

(24)

5435 Feltl Road Minnetonka, MN 55343 Phone: (952) 854-4511 Website: http://www.encompassinc.com Email: rob@encompassinc.com **PRINCIPALS:** Kent Jones, Curt Isernhagen **FIELDS OF PRACTICE:** Construction Management, Structural Engineering, Mechanical Engineering and Forensic Engineering

ACTIVITIES: Forensic/structural engineering firm offering rehabilitation and new project services. Rehabilitation services include condition documentation, engineering analysis, repair/restoration recommendations, preparation of plans and specifications and project administration. New project services include structural and mechanical design, owner's representation/construction management, construction inspection and plan and specification review.

Engineering Partners International (4)

7400 Cedar Avenue South Richfield, MN 55423 Phone: (612) 886-3730 Website: http://www.engineeringpartners.net Email: greg@epillc.net PRINCIPALS: Greg Greenlee, PE; Chad Underwood, PE, PG FIELDS OF PRACTICE: Structural, Foundation, Geotechnical and Construction Engineering ACTIVITIES: Engineering Partners International is a specialized consulting engineering firm practicing primarily in the areas of structural, foundation, geotechnical, and construction engineering. Our core business consists of providing analysis and design services for construction of the following projects types: structural and foundation design for buried civil works, permanent and temporary earth retention systems, underpinning of existing structures, soil and rock anchors, soil nail walls, slope stabilization, piling foundation systems (micropiles, driven piles, drilled piers), equipment foundations, sheet pile retention and foundation walls, cofferdams and access pits, soil grouting and solidification, tunneling and pipe jacking, and caisson structures.

(6)

Firm Listings

Ericksen Roed & Associates, Inc.

2550 University Ave. W., #423-S St. Paul, MN 55114 Phone: (651) 251-7570 Website: http://www.eraeng.com Email: info@eraeng.com

3410 Oakwood Mall Dr, Ste 300 Eau Claire, WI 54701 Phone: (715) 552-5336

PRINCIPALS: Michael A. DeSutter, PE; William T. Buller, PE, SE; Michael S. Steenson, PE; Stephen J. Clark, PE, SE; Jamie D. Richardson; John T. Madden, PE, LEED AP; Kent D. Larson; Ryan S. Bonniwell, PE, SE **FIELDS OF PRACTICE:** Structural

ACTIVITIES: ERA is a full service structural engineering firm that delivers our clients innovative, economical solutions. Our range of markets include retail, commercial, medical, energy, multi-family, hospitality, arts & educational, sports/recreational/entertainment, high-rise, remodeling and renovation projects. Registered in all 50 states, Washington D.C., and Puerto Rico, utilizing Revit/BIM and developers of the (patented) ER-Post precast building system.

ESI Engineering, Inc.

7831 Glenroy Rd., #430 Minneapolis, MN 55439 Phone: (952) 831-4646 Website: http://www.esi-engineering.com Email: tbaxter@esi-engineering.com **PRINCIPALS:** Anthony J. Baxter, PE **FIELDS OF PRACTICE:** Structural and Mechanical Engineering, Dynamic and Stress Analysis, FEA, Vibration and Noise Control Engineering, Acoustics, Vibration and Noise Measurement

ACTIVITIES: Structural Engineering Analysis and Design: Finite element dynamic and stress analysis of buildings, machinery and equipment. Vibration Control Engineering: Vibration control and isolation design for buildings, foundations, and equipment. Noise Control Engineering: Acoustics and environmental noise control, isolation design for buildings and equipment. Vibration and Noise measurements.

EVS, Inc.

10025 Valley View Rd., Suite 140 Eden Prairie, MN 55344 Phone: (952) 646-0236 Website: http://www.evs-eng.com Email: akim@evs-eng.com

PRINCIPALS: K. Dennis Kim, Andy Kim

FIELDS OF PRACTICE: Civil, Transportation, Environmental & Water Resources Engineering, Land Surveying - Right of Way Services, Wetland Mitigation, Planning

ACTIVITIES: Professional services in site/civil, transpor-(80) tation, water resources, environmental, land surveying, right-of-way, and planning. Design services include: highways, municipal facilities, site development, sanitary and storm sewers, dams and other hydraulic structures and water supply systems. Environmental services include: environmental documentation, wetland analysis and mitigation, feasibility studies, preliminary assessment and permit preparation. Land surveying includes boundary, topographic, construction staking, and rightof-way. Planning services include: special analysis, locational analysis, forecasting, land use development. transportation needs, urban and rural development strategizing and cultural/environmental resource identification.

Faith Group LLC

(8)

(53)

1300 East 66th Street, Suite 200 Richfield, MN 55423 Phone: (612) 418-9519 Website: http://www.faithgroupllc.com Email: hollis.linehan@faithgroupllc.com **PRINCIPALS:** Hollis Linehan **FIELDS OF PRACTICE:** Security, IT, A/V, MEP **ACTIVITIES:** Faith Group, LLC was established

ACTIVITIES: Faith Group, LLC was established in 2004 as a full-service consulting and engineering firm specializing in the planning and design of security, IT, safety, operational and MEP/FP systems for federal, municipal, aviation, transportation, commercial, housing, large campus environments and critical infrastructure projects. The firm provides a full-range of services that include developing security and IT master plans, system design documents, requests for proposals, system testing, construction phase services and commissioning. Since its inception, Faith Group has provided these services for more than 600 projects and 200 clients across North America and internationally. In addition to providing quality systems engineering, Faith Group focuses on planning for the operational and business processes that must be identified prior to designing and applying security and technology to a facilities environment. By working with clients up front in this critical part of the process, Faith Group provides 'as-is' and 'to-be' business analysis coupled with sound engineering practices in order to meet the varied needs of its clients. At the core, Faith Group helps clients develop a new vision for the future and the tools required to help the client meet their new agenda. Founded in 2004, Faith Group is comprised of highly-skilled professionals, most with more than 20 years of hands-on experience ranging from all aspects of operations to security, information technology, safety and command control systems planning and design. Faith Group is headquartered in St. Louis, MO with regional offices in Atlanta, GA, Gaithersburg, MD, Los Angeles, CA, Minneapolis, MN, Orlando, FL and Philadelphia, PA.

Foth Infrastructure & Environmental. LLC

8550 Hudson Boulevard North, Suite 105 Lake Elmo, MN 55042 Phone: (651) 288-8550 Website: http://www.foth.com

227 West 1st Street Duluth, MN 55802 Phone: (218) 481-6010

2737 S Ridge Road Green Bay, WI 54307 Phone: (920) 497-2500

Lincoln Center II 2514 S 102nd St, Ste 278 Milwaukee, WI 53227 Phone: (414) 336-7900

5117 W Terrace Dr, Ste 401 Madison, WI 53718 Phone: (608) 242-5900

8191 Birchwood Ct, Ste L Des Moines, IA 50131 Phone: (515) 254-1393 605 N Boonville Ave Springfield, MO 65806 Phone: (417) 864-6444

Phone: (309) 691-5300

14 Corp Woods, Ste 650

Phone: (913) 469-0686

1610 Broadmoor Drive

Phone: (217) 352-4169

Champaign, IL 61821

2314 W Altorfer Drive

Peoria, IL 61615

8717 West 110th St

Overland Park, KS

3950 River Rdg Dr NE, Ste A Cedar Rapids, IA 52402 Phone: (319) 365-9565

390 S Woods Mill Rd, Ste 325 St. Louis, MO 63017 Phone: (636) 728-1034

PRINCIPALS: Dave Kapler, PE, Senior Vice President; Bill Johnson, PE, Senior Technology Manager; Adam Juel, PE, Senior Project Manager FIELDS OF PRACTICE: Aviation, Construction Management, Geospatial, Planning, Transportation, Water Resources, Environmental and Safety Compliance, Mining, Remediation & Restoration, Sediment Management, Solid Waste Services, Utility Services, Custom Machine Design, Development & Manufacturing, Electrical & Controls, Packaging & Material Handling Systems, Process & Utilities, Program & Project Management, Structural, Turnkey Solutions

ACTIVITIES: Foth Infrastructure & Environment, LLC, provides Professional Engineering services including planning, design, and construction management to deliver effective and innovative solutions for public infrastructure projects. Foth's environmental services offer private and public entities a full range of strategic planning, consulting and engineering services that deliver smart solutions and peace of mind for protecting and restoring our water, land and air. Founded in 1938 and headquartered in Green Bay, Wisconsin, Foth offers a tradition of personalized, client-centered service and smart solutions to a variety of government, industrial and commercial clients. Our more than 600 employee members located across 27 locations, deliver technical excellence to our clients in three main areas: Infrastructure, Environment and Production Solutions.

(35) Gale-Tec Engineering, Inc.

(4)

801 Twelve Oaks Center Drive, Suite 832 Wayzata, MN 55391 Phone: (952) 473-7193 Website: http://www.gale-tec.com Email: smg@gale-tec.com PRINCIPALS: Stephan M. Gale, Suzanne S. Gale FIELDS OF PRACTICE: Civil-Geotechnical Engineering and Geosynthetic Engineering ACTIVITIES: Gale-Tec provides geotechnical and specialty geosynthetic, civil, soil/structural and dam engineering for the transportation, mining and building industries. Specialties include subsurface exploration studies, shallow/deep building and bridge foundation studies, road embankment and pavement studies, landslide evaluations and repair designs, grade separation structure designs including RSS, MSEW, temporary/permanent helical pier, soil nail and rock anchor bracing systems and grass faced retaining walls, tailings basin and dike design and management, geosynthetic product development and geomembrane liner design.

Gausman & Moore Associates, Inc. (51)

1700 Highway 36 West, Suite 700 Roseville, MN 55113 Phone: (651) 639-9606 Website: http://www.gausman.com Email: zburns@gausman.com

26415 Carl Boyer Dr, Ste 205501 S Lk Ave, Ste 210Santa Clarita, CA 91350Duluth, MN 55802Phone: (661) 291-1978Phone: (218) 722-2555dsandoval@gausman.comshaedtke@gausman.com

PRINCIPALS: James D. Manning, PE, LEED; Edward L. Studniski, PE, LEED; Dave T. Blume, PE, LEED; Paul D. Haslach, PE, LEED; Dan Fox, PE, LEED, Daniel R. Sandoval, PE

FIELDS OF PRACTICE: Mechanical, Electrical, Fire Protection, Lighting, Energy Conservation, Renewable Energy, Commissioning, Forensic, Industrial **ACTIVITIES:** Mechanical and electrical engineering, including design of heating, ventilating, air conditioning, fire protection, plumbing, lighting, power, security, communication and computer systems for all building types. We also provide engineering studies, life safety studies, renewable energy system design, energy audits and energy retrofit design, Commissioning, Forensic, and Industrial. Firm was founded in 1935.

GHD Services, Inc.

1801 Old Hwy. 8 N.W., #114 St. Paul, MN 55112 Phone: (651) 639-0913 Website: http://www.ghd.com Email: shawn.horn@ghd.com PRINCIPALS: Shawn Horn, Ron Frehner FIELDS OF PRACTICE: Civil, Environmental ACTIVITIES: Environmental and civil engineering for assessment and remediation of hazardous wastes and hazardous materials problems. Services include facility assessments (Phase I & II), environmental investigations, feasibility studies, risk assessments, cost estimates, engineering design, toxicology, air emissions surveys and permitting, water and wastewater engineering, solid waste management and facility engineering, preparation of plans and specifications and construction supervision. Asbestos and PCB surveys and remediation also conducted. Services also include state voluntary clean-up projects, brownfield redevelopment and risk-based corrective action evaluations and implementation.

GRaEF

120 South Sixth Street. Suite 1220 Minneapolis, MN 55402 Phone: (763) 898-4185

Website: http://www.graef-usa.com

PRINCIPALS: Jon Schwichtenberg

FIELDS OF PRACTICE: Civil, Structural, Environmental Transportation, Bridge, MEP, Construction Engineering, Industrial, Architecture & Industrial Architecture, Landscape Architecture, Operations, Planning, Aviation and Land Surveying

ACTIVITIES: At GRAEF, a full-service engineering, planning, and design firm, we pride ourselves on providing tailored engineering and design solutions for you, our clients. Our mission is to improve the physical environment for the benefit of society in a sustainable manner. As engineering consultants, we focus on your needs and objectives, with the goal of improving your business increasing your success! We have the ability and drive to solve the toughest design challenges, allowing you to reach your goal. However, GRAEF is more than just a business. We are committed to our communities and our employees. At GRAEF, we invest in our staff as we do our clients, providing a challenging and rewarding environment where everyone can grow both personally and professionally.

3601 Thurston Ave. Anoka, MN 55303 Phone: (763) 427-5860 Website: http://www.haa-inc.com Email: ronw@haa-inc.com PRINCIPALS: Craig Jochum, Ronald Wagner, Shane Nelson, Brian Person, Bally Wagner FIELDS OF PRACTICE: Civil Engineering and Land Surveying ACTIVITIES: Consulting services for municipalities and private developers; design of streets, sanitary sewer, water distribution, supply and storage; hydrology studies; storm drainage; site grading; wastewater treatment; solid waste landfills; construction staking and inspection

Hallberg Engineering, Inc.

and environmental assessments.

(25)1750 Commerce Court White Bear Lake, MN 55110 Phone: (651) 748-1100 Website: http://www.hallbergengineering.com (5) Email: hei@hallbergengineering.com PRINCIPALS: Richard Lucio, PE; Paul Fettinger, PE FIELDS OF PRACTICE: Mechanical Engineering, Electrical Engineering, Technology Systems, Commissioning, Building Analysis, Energy Services ACTIVITIES: Established in 1979, Hallberg Engineering specializes in mechanical, electrical, and technology systems design, commissioning, building analysis, and energy services. Hallberg Engineering provides services to a wide variety of market sectors including K-12 education, higher education, government, corporate, healthcare, industrial, retail, restaurant, entertainment, hospitality, among others. Hallberg Engineering has professionals registered in 49 states, allowing the firm to provide engineering services throughout the United States. Hallberg Engineering is a Small and Minority Business Enterprise (S/MBE) certified with the State of Minnesota, University of Minnesota, City of Minneapolis, Minnesota Department of Transportation, Metropolitan Airport Commission, Metropolitan Council, Hennepin County, Ramsev County, and City of St. Paul.

Hanson Professional Services, Inc. (1)

P.O. Box 549 Mound, MN 55364 Phone: (816) 260-6576 Website: http://www.hanson-inc.com Email: sqoetz@hanson-inc.com PRINCIPALS: Shawn, L. Goetz, PE, SE FIELDS OF PRACTICE: Transportation, Highway Bridges, Aviation, Railroad, Telecommunications ACTIVITIES: Hanson Professional Services Inc., a national consulting firm, provides a full range of engineering, architectural and scientific services. Markets served include: transportation, highway bridges, aviation, railroad, telecommunications, federal agencies, county and municipalities, state government, utilities and industry. Specialized services include geotechnical, mechanical, electrical and electronic engineering, hydrographic surveying, land acquisition and telecommunications systems integration.

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Firm Listings

Hardesty & Hanover, LLC

1915 MN-36, Suite 115 Roseville, MN 55113 Phone: (651) 248-8038

Website: http://www.hardesty-hanover.com Email: bfarmer@hardestyhanover.com

PRINCIPALS: Bret M Farmer, PE; Anne M Zweibel, PE FIELDS OF PRACTICE: Planning, Design, Construction Engineering, Construction Inspection, Safety Inspection and Asset Management for all types of Transportation Assets (Bridge, Highway, Railroad) and Heavy Movable Structures

ACTIVITIES: Hardesty & Hanover is a full-service infrastructure engineering firm with over 125 years of experience steeped in solving complex engineering challenges. As an internationally renowned company in the field of bridge engineering, consulting firms, contractors and infrastructure owners count on us when innovative design and intricate engineering solutions are required. We are proud of our experience successfully delivering transportation projects for owners in both bidbuild and design-build formats. Our expertise covers the full lifecycle of engineering, from planning to final design, and from construction to asset management.

HDR

701 Xenia Avenue South, Suite 600 Minneapolis, MN 55416 Phone: (763) 591-5400 Website: http://www.hdrinc.com Email: christine.wiegert@hdrinc.com

600 Hennepin Ave, Suite 260 Minneapolis, MN 55306 Phone: (612) 524-6000

PRINCIPALS: Christine Wiegert, Minneapolis Area Manager

FIELDS OF PRACTICE: Electrical, Mechanical, Structural and Civil Engineering, Transportation, Railroad, Bridge, Traffic, Roadway/Highway, Water, Wastewater, Water Resources, Planning, Environmental, Industrial, Construction Engineering and Inspection, Power and Energy, Transit, Aviation, Ports and Maritime ACTIVITIES: Established in 1917, HDR is consistently ranked among the top consulting firms by leading industry publications, including Engineering News-Record and Architectural Record. For the past 40 years, we've partnered with local Minnesota clients to develop, construct, and operate infrastructure to meet the needs of our growing communities. Our expertise spans nearly 10,000 employees with an impressive breadth of knowledge in engineering, architecture, environmental and construction services. We create an unshakable foundation for progress because our multidisciplinary teams include engineers, designers, scientists, economists, builders, analysts, and artists. From designing a road that improves mobility to a hospital that heals, we think globally and act locally to improve the places where we live and work.

(2) HGA

420 North 5th Street, Suite 100 Minneapolis, MN 55401 Phone: (612) 758-4000 Website: http://hga.com Email: info@hga.com

PRINCIPALS: Paul Asp, PE; Kenneth W. Horns, PE; Leigh Harrison, PE; Jeff Harris, PE; Joe Wetternach, PE, Peter Dahl, PhD

FIELDS OF PRACTICE: Civil, Electrical, Mechanical, Structural and Industrial Engineering, Architecture, Landscape Architecture, Interior Design, Planning, Telecommunications, Lighting Design, Restoration and Commissioning

ACTIVITIES: Buildings: Commercial, institutional, health care, industrial, municipal, HVAC, plumbing and process, fire protection, security and paging systems, power distribution, lighting, telecommunications, site development. Environmental: Energy conservation and management, feasibility studies, hydrological analysis, technical management consulting. Community: Water storage, site development, recreational and athletic facilities of all kinds, power distribution and transmission, lighting, land planning, public utilities, streets and roadways.

HNTB Corporation

(230)

(24)5500 Wayzata Blvd.Ste 450 Golden Valley, MN 55416 Phone: (763) 852-2100 Website: http://www.hntb.com Email: pwatz@hntb.com PRINCIPALS: Greg H. Albjerg, PE, Vice President; Steven T. Howe, PE, Associate Vice President; Patrick Watz, PE, Vice President FIELDS OF PRACTICE: Aviation, Bridges, Civil, Transportation, Tunnels, Construction Services, Transit/Rail, Urban Planning & Design, Design-Build, **Context Sensitive Design** ACTIVITIES: For 50 years, HNTB's Minneapolis office

has been providing innovative engineering and planning solutions in transportation. structures. aviation. urban design and planning for the Minnesota Department of Transportation, the Minneapolis-St. Paul Metropolitan Airports Commission, Hennepin County and local municipalities. Our office of talented professionals is dedicated to enhancing mobility by designing quality infrastructure to make Minnesota a better place for families, friends and neighbors.

Houston Engineering, Inc.

7550 Meridian Circle North, Suite 120 Maple Grove, MN 55369 Phone: (763) 493-4522 Website: http://www.houstoneng.com Email: info@houstoneng.com

208 4th Street East Thief River Falls, MN 56701 Phone: (218) 681-2951 hschuer@houstoneng.com

(50)

3712 Lockport Street Bismarck, ND 58503 Phone: (701) 323-0200

1401 21st Avenue North Fargo, ND 58102 Phone: (701) 237-5065 720 Western Avenue Minot, ND 58701 Phone: (701) 852-7931

(29)

(37)

PRINCIPALS: Greg Bowles, Joe Lewis, Brian Fischer, Chris Otterness, and Bart Schultz

FIELDS OF PRACTICE: Civil and Environmental Engineering, Surveying, Scientific Services, GIS, Web/Application Development, Software Solutions

ACTIVITIES: Specialty and general civil engineering and surveying services, including water resources, stormwater management, watershed management, water quality modeling and monitoring, flood plain studies, hydrodynamic modeling, wetland delineation, environmental review and permitting, industrial, commercial and residential site and land development, water supply, wastewater, highways, bridges, railroads and municipal, GIS and web development.

HR Green, Inc.

Court International Building 2550 University Ave. West, Suite 400N St. Paul, MN 55114 Phone: (651) 644-4389 Website: http://www.hrgreen.com Email: tmathews@hrgreen.com

8710 Earhart Lane SW Cedar Rapids, IA 52404 Phone: (319) 841-4000 Email: mschmitt@hrgreen.com

PRINCIPALS: Chris Harrington, Adam Salo, Alison Sumption, Tim Thoreen

FIELDS OF PRACTICE: Civil, Water/Wastewater, Water Resources, Environmental, Electrical, Mechanical, Solid Waste, Structural, Municipal, Transportation, Industrial ACTIVITIES: HR Green provides a wide spectrum of engineering services to all levels of governmental, industrial and private organizations. Services include complete municipal engineering, water and wastewater treatment, environmental, water resources, traffic and transportation planning and engineering, sustainable design, industrial facility design, vertical infrastructure, roof management, pavement management and facility condition assessments.

IMEG

3001 Broadway St. NE, Suite 601 Minneapolis, MN 55413 Phone: (612) 540-5000 Website: http://www.imegcorp.com

607 East Center Street, Suite 101 Rochester, MN 55904 Phone: (507) 424-6840

PRINCIPALS: John M. Killeen, PE; Michael A. Westermeier, PE; Allen V. Theisen, PE; John Costello, PE, Rhonda M. Smude **FIELDS OF PRACTICE:** Mechanical and Electrical Engineering **ACTIVITIES:** LKPB is a professional mechanical and electrical consulting engineering firm that provides services for the following types of facilities: medical, senior assisted living, post-secondary education, K-12 education, industrial, corporate office, commercial/retail, recreational and government. Design expertise in HVAC, energy modeling, plumbing, refrigeration, site utilities, lighting, power, communication, security systems, fire protection/life safety systems, life cycle costing, LEED Green Building, value engineering, energy conservation and management, commissioning, maxi-audits and feasibility studies/reports.

IMO Consulting Group 12900 Whitewater Drive, Suite 100 (7)

Minnetonka, MN 55343 Phone: (952) 446-7898 Website: http://www.imoconsultinggroup.com Email: imartinez@imoconsultinggroup.com PRINCIPALS: Ismael Martinez-Ortiz FIELDS OF PRACTICE: Civil, Municipal, Structural, Architectural and Water Resources ACTIVITIES: IMO Consulting Group is a top-level consulting firm that delivers innovative projects and cost effective solutions in planning, engineering, architecture and science with a vision to create greater communities through outstanding execution and meaningful relationships. IMO Consulting Group's forward-thinking mentality delivers projects with an understanding of the big picture. A small project is only part of a larger puzzle, and it's this recognition that gives the firm the ability to tailor its work efficiently and successfully. They pride themselves on delivering services customized to the needs, desires and financial goals of their clients.

Interstate Engineering, Inc.

(100)

116 East Washington Avenue PO Box 316 Fergus Falls, MN 56537 Phone: (218) 739-5545 Website: http://www.interstateeng.com Email: Ross.eberle@interstateeng.com

1999 4th Street North Wahpeton, ND 56537 Phone: (701) 642-5221

PRINCIPALS: Damon DeVillers, PE, Ross Eberle, PE, Alex Schwarchoff, PE, Mike Bassingthwaite, PE **FIELDS OF PRACTICE:** Civil Engineering, Transportation Engineering, Traffic Studies, Project Management, Land Surveying, Planning, Structural, Environmental & Solid Waste Management

ACTIVITIES: Municipal engineering services such as water distribution improvements, water treatment plants, sanitary sewer system improvements, sewage disposal systems, swimming pools, recreational developments, feasibility studies, government reports and grant applications. Engineering services for all types of county engineering such as highway systems, bridges, hydraulic analysis, off-system highway work and right-of-way requirements. Land surveying for subdivisions and single parcel driveways. Project and construction management services.

(6)

Firm Listings

ISG

115 East Hickory Street, Suite 300 Mankato, MN 56001 Phone: (507) 387-6651 Website: http://www.is-grp.com Email: info@is-grp.com

7900 International Dr, Ste 550	115-3 Pine Street
Minneapolis, MN 55425	Green Bay, WI 54301
Phone: (952) 426-0699	Phone: (920) 434-2128
6465 Wayzata Blvd, Ste 970	1725 North Lake Avenue
St. Louis Park, MN 55426	Storm Lake, IA 50588
Phone: (952) 426-0699	Phone: (712) 732-7745
508 East Locust Street	101 S Reid St, Ste 202
Des Moines, IA 50309	Sioux Falls, ND 57103
Phone: (515) 243-9143	Phone: (605) 274-6401
201 Main Street, Suite 1020	314 East 4th Street
La Crosse, WI 54601	Waterloo, IA 50703
Phone: (608) 789-2034	Phone: (319) 234-1515

PRINCIPALS: Chad Surprenant, PE; Chuck Brandel, PE; Brian Gjerde, PE; Lynn Bruns, PE, LEED AP; Jason Hoehn, PE; Ivan Droessler, PE; Rod Schumacher; Tim Verneyan, PE FIELDS OF PRACTICE: Civil, Structural, Mechanical, Electrical, Municipal, Architectural, Plumbing, Interior Design, Arc Flash, 3D Scanning, Drone, Steam and River Water/Wastewater, Landscape Architecture, Environmental Services, Land Surveying, Community Resources Planning

ACTIVITIES: Municipal, land development, land surveying, structural, mechanical, and electrical engineering including streets, drainage systems, water/wastewater systems, subdivision design, power systems, plumbing, HVAC, structures. Architectural activities include retail, commercial, governmental, religious, education, and industrial structures. Environmental services activities include planning, EAW, AUAR, EIS, wetland delineation/ creation, monitoring, transportation.

Isthmus Engineering, Inc.

(26) 500 Jackson Street St. Paul, MN 55101 Phone: (651) 288-0300 Website: http://www.isthmusengineering.com Email: katie@isthmusengineering.com PRINCIPALS: Katherine A. Toghramadjian, PE FIELDS OF PRACTICE: Transportation Engineering, Geopak-based design and support services. ACTIVITIES: Isthmus Engineering, Inc. was founded in 2002 with the vision of promoting quality design through the efficient use of technology. Isthmus Engineering, Inc., a DBE certified business, provides civil engineering design services as an on-site or remote sub-consultant. Areas of ability include all aspects of transportation design, crosssection development, and drainage design. In addition, Isthmus Engineering, Inc. offers training and support solutions to engineering consulting firms seeking to develop or supplement their Geopak-based design capabilities.

(129) Jacobs

1295 Northland Drive, Suite 200 Mendota Heights, MN 55120 Phone: (651) 688-8100 Website: http://www.jacobs.com Email: john.morast@jacobs.com PRINCIPALS: John Morast, PE

FIELDS OF PRACTICE: Water and Wastewater Systems, Transportation Systems, Hazardous Waste, Water Resources, Program Management and Special Services ACTIVITIES: Water and wastewater treatment, water resource/watershed planning and development, wastewater solids treatment and disposal, industrial processes, structures, solid waste management, highway/bridge and transit system planning and design, highway corridor capacity and comprehensive safety studies, environmental assessments and impact statements, community planning studies, wetland treatment systems and mitigation, rate studies, air and water pollution control, power plant siting and design.

(12)Jones, Haugh & Smith, Inc.

515 S. Washington Albert Lea. MN 56007 Phone: (507) 373-4876 Website: http://www.jhseng.com Email: company@jhseng.com

415 West North Street Owatonna, MN 55060 Phone: (507) 451-4598

PRINCIPALS: Steven J. Thompson, LS; Brian J. Johnson, PE; Steven J. Penkava, PE, John H. Schulte V, PE FIELDS OF PRACTICE: Civil, Land Surveying ACTIVITIES: Civil engineering and land surveying, municipal engineering, water works, sewer works, streets, drainage, construction management, structural, hydraulics, agriculture, wetland delineation, septic system design, subdivision layouts and platting.

Kaskaskia Engineering Group, LLC (4)

2550 University Avenue West, Suite 161S St. Paul, MN 55114 Phone: (651) 337-5652 Website: http://www.kaskaskiaeng.com Email: kahrenholtz@kaskaskiaeng.com

208 East Main Street, Suite 100 Belleville, IL 62220 Phone: (618) 233-5877

PRINCIPALS: Geri E. Boyer, PE - President Kent Ahrenholtz - Director of MN Operations FIELDS OF PRACTICE: Surveying, Geotechnical Engineering, Environmental Science, Structural Engineering, Civil Engineering, Transportation/Traffic Engineering ACTIVITIES: KEG's full service capabilities include infrastructure analysis and planning, structural engineering, transportation engineering, traffic engineering, CADD design, public involvement, geotechnical engineering, general contracting, GIS mapping, environmental science, construction observation/management, water resource management, right-of-way research and acquisition, and cost of estimating.

The firm's vast range of in-house, full-service capabilities affords us the ability to understand to more than just how to complete a project. It allows us to view projects with a holistic approach, considering all phases of projects, as well as environmental, client and stakeholder needs. Kaskaskia Engineering Group, LLC (KEG) is a privatelyheld, 100-percent woman-owned and managed, certified Disadvantaged Business Enterprise (DBE), civil engineering and construction contracting firm with headquarters and five locations in Illinois, as well as other Midwest offices in Evansville, Ind. and Ste. Genevieve, Mo. The name Kaskaskia is derived from the Kaskaskia Indians who first inhabited Kaskaskia Island, which was home to the relatives of KEG's president and founder.

Kata Consulting

2827 Green Briar Lane Minnetonka, MN 55305 Phone: (651) 210-0055 Website: http://www.katacons.com Email: terri@katacons.com **PRINCIPALS:** Terri Erickson **FIELDS OF PRACTICE:** Strategic Improvement Consulting **ACTIVITIES:** Working to improve the delivery of projects

and the teams who deliver them.

Kimley-Horn

767 N. Eustis Street, Suite 100 St. Paul, MN 55114 Phone: (651) 645-4197 Website: http://www.kimley-horn.com

323 S Broadway Rochester, MN 55904 Phone: (507) 216-0540

PRINCIPALS: Paul B. Danielson, Chris C. Everett; Jon B. Horn, Mark C. Bishop

FIELDS OF PRACTICE: Airports, Construction Administration, Engineering & Inspection, Condition Assessment, Environmental, Highway, GIS, Land Development and Planning, Landscape, Architecture, Municipal, Planning, Parking, Public Involvement, Roadway, Structural, Transportation, Transit, Utilities, and Water Resources.

ACTIVITIES: Kimley-Horn and Associates, Inc. is an engineering, planning, and environmental consulting firm with offices nationwide, including the Twin Cities. Kimley-Horn offers a wide range of consulting services to public and private clients including municipal engineering, roadways and bridges, land development, traffic engineering, water/sewer systems, airport, landscape architecture, transit planning and engineering and ITS. Our 3,700-person staff consists of civil, transportation, and systems engineers; urban land planners; environmental specialists; landscape architects and urban designers; and computer/systems specialists.

KLJ

(1)

(182)

1505 S 30th Ave Moorhead, MN 56560 Phone: (218) 287-0300 Website: http://www.kljeng.com Email: jill.furaus@kljeng.com

 370 Wabasha Street
 3203 32nd Ave S

 Suite 300
 Suite 201

 Saint Paul, MN 55102
 Fargo, ND 58106

 Phone: (651) 222-2176
 Phone: (701) 232-5353

1024 Thiesse Drive Brainerd, MN 56401 Phone: (218) 828-6330 4585 Coleman Street Bismarck, ND 58503 Phone: (701) 355-8400

PRINCIPALS: Dean Anagnost, Barry Schuchard **FIELDS OF PRACTICE:** Engineering, Surveying, Planning **ACTIVITIES:** Since the 1930s, KLJ has worked alongside communities and clients of all sizes, partnering with cities, counties, and developers, just to name a few. At KLJ, we plan, design, and support infrastructure across the country such as roads, runways, pipelines, and parks. We create solutions that visions into reality and improve the lives of people and communities across the nation. We do this by focusing on a business model that puts the client first, providing an exceptional experience that truly reimagines what projects can become. KLJ currently has 25 office locations throughout North Dakota, South Dakota, Minnesota, Montana, Wyoming, and Florida. For more information about KLJ, visit www.kljeng.com.

Larson Engineering, Inc.

3524 Labore Rd.

White Bear Lake, MN 55110 Phone: (651) 481-9120 Website: http://www.larsonengr.com Email: info@larsonengr.com **PRINCIPALS:** Lee A. Granquist, PE; Ethan A. Charpentier, PE **FIELDS OF PRACTICE:** Structural, Civil and Curtain

Wall Engineering

ACTIVITIES: Founded in 1979, Larson Engineering specializes in structural, and civil engineering. Our diverse experience and history of functional innovation make us unique to the industry and invaluable to clients. Areas of special expertise include façade design, pavement maintenance programs, athletic facilities, commercial/industrial structures, and sustainable design. We are dedicated to making our client's projects successful through exceptional design and cost-consciousness.

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LHB, Inc.

21 W Superior St #500 Duluth, MN 55802 Phone: (218) 727-8446 Website: http://www.LHBcorp.com Email: info@LHBcorp.com

324 Garfield Street South Cambridge, MN 55008 Phone: (763) 689-4042

63 East Second St, Ste 150 Superior, WI 54880 Phone: (715) 392-2902 701 Washington Ave. N, # 200 Minneapolis, MN 55401 Phone: (612) 338-2029

(49)

PRINCIPALS: William D. Bennett PE, CEO, David M. Sheedy PE, LEED AP, Richard A. Carter FAIA, LEED Fellow, Jason A. Mangan, PE; Daniel G. Shaw, PE, LEED AP, Joseph D. Litman PE, Dan A. Heldt PE, David T. Williams PE, FPE, LEED, Michael A. Fischer AIA, LEED AP, Kevin C. Holm AIA, LEED AP BD+, Kim D. Bretheim AIA LEED AP, Thomas R. Cook PE, Evan C. Aljoe ASHE, LEED AP

FIELDS OF PRACTICE: Civil, Electrical, Mechanical, and Structural Engineering, Land Surveying, Architecture, Interior Design, and Landscape Architecture for Commercial, Education, Government, Healthcare, Housing, Industrial, Pipeline, and Public Works Clients

ACTIVITIES: LHB is a multi-disciplinary engineering, architecture, and planning firm known for our design leadership and loyalty to our clients. We go beyond good intentions and focus on measurable performance. We are specialists in: public works, pipeline, industrial, housing, healthcare, government, education, and commercial design. LHB is dedicated to being environmentally responsible, reducing long term operating costs, and improving the quality of life for our clients.

Loucks

7200 Hemlock Lane, Suite 300 Minneapolis, MN 55369 Phone: (763) 424-5505 Website: http://www.loucksinc.com **PRINCIPALS:** Jeffrey A. Shopek, PE; Michael St. Martin, PE; Paul Kangas, ASLA

FIELDS OF PRACTICE: Civil Engineering, Land Surveying, Landscape Architecture, Land Use Planning and Environmental Services

ACTIVITIES: Loucks Associates provides consulting services in the areas of civil engineering, land surveying, construction staking, land planning, landscape architecture, construction site management, and environmental compliance. Engineering services include infrastructure and site design, hydrology and water quality plans and related field services. Planning services encompass both urban and regional planning, GIS land use, zoning and feasibility studies. Land surveying capabilities range from title, condominium plats, boundary and topography surveys, to easements and construction staking. Environmental services include permitting, site assessment, environmental review and regulatory compliance. Landscape architecture services include golf/resort planning, parks and open space design, and site design, for all types of projects.

(235) M Squared Engineering

(1)

7129 20th Ave., Suite 5 Centerville, MN 55038 Phone: (651) 666-1027 Website: http://www.msquaredengineering.com Email: msquared@msquaredengineering.com **PRINCIPALS:** Minal Hahm

FIELDS OF PRACTICE: Transportation Engineering, Site Design / Land Development, Water Resource Management, Rail Engineering, Municipal Engineering Aviation Services

ACTIVITIES: Squared Engineering, LLC (M²) is a full service civil engineering firm celebrating its 16th year in business. Our firm provides comprehensive professional services to municipalities, private developers, land owners, and government agencies. Headquartered in Cedarburg, WI, our core services include land surveying, drone mapping, water resource management, site design, transportation engineering, construction engineering, municipal engineering, FEMA flood services, aviation, training and consulting. M² is a S/W/MBE registered engineering company in multiple jurisdictions. It is important to us that we establish a solid business relationship with all of our clients throughout Wisconsin and Illinois. Our focus is centered around our high ethical standards for a job well done. At M², we are committed to our clients and strive to build lasting relationships to assure future success. Our team is always available to provide innovating planning and design solutions for any project- no matter the size or complexity.

Martin Pevzner Engineering

(9)

8030 Old Cedar Avenue Bloomington, MN 55420 Phone: (952) 854-1934 Website: http://www.martinpevzner.com Email: rmartin@martinpevzner.com **PRINCIPALS:** Boris A. Pevzner, Chad R. Martin **FIELDS OF PRACTICE:** Mechanical and Electrical **ACTIVITIES:** Design, Construction Management, Existing Systems Troubleshooting and Analysis, Energy Management and Systems Commissioning.

Mattson Macdonald Young, Inc. (18)

901 North Third Street, Suite 100 Minneapolis, MN 55401 Phone: (612) 827-7825 Website: http://www.mattsonmacdonald.com Email: info@mattsonmacdonald.com **PRINCIPALS:** Stephanie J. Young, Joseph A. Cain, Ken J. Green

FIELDS OF PRACTICE: Structural Engineering ACTIVITIES: Structural engineering services for residential, commercial, institutional and industrial buildings. Experienced in renovation and restoration, condition surveys and failure analysis. Serving architects, contractors, developers, owners and homeowners.

Mead & Hunt, Inc.

7900 78th Street West, Suite 370 Minneapolis, MN 55425 Phone: (952) 941-5619 Website: http://www.meadhunt.com Email: minneapolis@meadhunt.com

2440 Deming Way Middleton, WI 53562 Phone: (608) 273-6380

2605 E Airport Service Dr Lansing, MI 48906 Phone: 1-888-364-7272 mailbox@meadhunt.com

1345B North Road Green Bay, WI 54313 Phone: 1-888-364-7272

102 W. Washington St, Ste 213 Marquette, MI 49855 Phone: 1-888-364-7272

750 North Third Street La Crosse, WI 54601 Phone: 1-888-364-7272

10700 W. Research Dr, Ste 155 Wauwatosa, WI 53226 Phone: 1-888-372-6464

4700 Lakehurst Ct Ste 110 Columbus, OH 43016 Phone: 1-888-364-7272

PRINCIPALS: Rai Sheth. Andv Platz. Rick Plymale. Ron Engel, John Faucher, Miro Kurka, Amy Squitieri, Jeff Sorenson, Wendy Culver

FIELDS OF PRACTICE: Transportation (Aviation, Highways, Bridges), Municipal Infrastructure, Public Facility Architecture, Military Facilities, Food and Industrial Facilities, Telecommunications, Energy, Air Service, Historic Preservation, and Water ACTIVITIES: Mead & Hunt builds relationships that last well beyond a job done right. We're experts in planning, design, engineering and architecture serving markets nationwide that include markets including aviation, dams and hydro power, education, food processing, industrial, military, municipal infrastructure, renewable energy, transportation and water resources. The employee-owned corporation remains strong on Engineering News Record's Top 500 design firm list with a national ranking of 148 in 2013. Mead & Hunt was named by CE News as one of the top 10 engineering companies to work for in the nation. Founded in 1900, the firm employs more than 500 civil, structural, mechanical and electrical engineers, planners, historic preservationists, environmental scientists, architects, technicians and support specialists from more than 30 offices located across the nation.

Meyer Borgman Johnson

510 Marguette Avenue South, Suite 900 Minneapolis, MN 55402 Phone: (612) 338-0713 Website: http://www.mbjeng.com Email: info@mbjeng.com

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FIELDS OF PRACTICE: Bridges, Roadway, Transporta-

ACTIVITIES: Michael Baker is a leader in the transportation engineering field. The company specializes in complex bridge design, bridge rehabilitation, inspection, and load ratings. The company also specializes in roadway design and traffic engineering, with capabilities ranging from resurfacing to complex interchange reconstruction.

501 Lake Ave S, Ste 300 (25) Duluth, MN 55802 Phone: (218) 722-1056

125 S Broadway, Ste 200 De Pere, WI 54115 Phone: (920) 351-0525

1438 W Broadway Rd, Ste 212 206 S Broadway, Ste 300 Tempe, AZ 85282 Phone: (480) 747-6737

Rochester, MN 55904 Phone: (507) 529-5310

PRINCIPALS: Daniel E. Murphy, PE; Jerod Hoffman, PE; Jason Pederson, PE: Kathleen John: Brion P. Szwed, PE; Matt Thomas, PE, SE; Michael J. Ramerth, PE; David S. Holten, PE, SE; Kurt Kindermann, PE, SE: Alan R, Hiniker, PE, Murphy Curran, PE; Ryan Hopeman, PE, SE FIELDS OF PRACTICE: Structural

ACTIVITIES: Meyer Borgman Johnson (MBJ) is a sole discipline structural engineering firm in business since 1955, with offices in Minneapolis, Rochester, Duluth, Green Bay, and Phoenix. We serve a diverse national and international clientele, based on a culture of partnership, integrity, and expertise. Our staff of 90+ people ensures the ability to appropriately staff projects of all sizes and complexities. Structural services we provide include structural design and analysis, construction documents, field observation, feasibility studies, special inspections. condition surveys, forensic assistance, and others. We work with all types of structural materials and methods, as well as all delivery methods, from traditional to design build, including complex, phased projects requiring multiple bid packages. We stress early integration of structural design with overall planning to help eliminate costly changes later in the project and to enhance constructability and best-value for the owner. As an early adopter of 3D modeling, MBJ is able to provide highly skilled Revit modelers, who fully comprehend the 3D design environment and its uses.

Michael Baker International (10)

120 South Sixth Street, Suite 1710 Minneapolis, MN 55402 Phone: (612) 851-3805 Website: http://www.mbakerintl.com Email: kevin.anderson@mbakerintl.com PRINCIPALS: Daniel Baker, Kent Zinn, Kevin Anderson

tion, Transit

Michaud Cooley Erickson

333 South Seventh Street, Suite 1200 Minneapolis, MN 55402 Phone: (612) 339-4941 Website: http://www.michaudcooley.com Email: info@michaudcoolev.com PRINCIPALS: Douglas C. Cooley

FIELDS OF PRACTICE: Michaud Cooley Erickson provides mechanical, electrical, illumination, special low voltage systems and commission engineering services for aviation, corporate, education, science and technology, healthcare, public, retail, cultural/special use, and mission critical

ACTIVITIES: Michaud Cooley Erickson provides conceptual and preliminary engineering services. full-service and design-assist engineering services. MCE provides feasibility studies, building MEP system deficiency analyses, energy modeling and analyses, smoke modeling, and hazardous chemical code requirement analyses.

Michel Consultancy

PO Box 460 Circle Pines, MN 55014 Phone: (701) 793-4381 Email: eric.michel64@gmail.com PRINCIPALS: Eric Michel, PE

FIELDS OF PRACTICE: Electrical, emphasis on power delivery

ACTIVITIES: Michel consultancy provides solutions for the electrical grid (and more). Over 30 years of experience in the consulting engineering space with a primary focus on power systems design; managing projects, clients and multi-discipline teams delivering responsive, practical results. If you need help with a project, system, team or business, we can help.

Moore Engineering, Inc.

1808 East Fir Avenue Fergus Falls, MN 56537 Phone: (218) 998-4041 Website: http://www.mooreengineeringinc.com

925 10th Avenue East West Fargo, ND 58078 Phone: (701) 282-4692 3315 Roosevelt Rd, Ste 500C St. Cloud, MN 56301 Phone: (320) 281-5493

2080 36th Ave SW, Ste 215 Minot, ND 58701 Phone: (701) 839-1590

PRINCIPALS: Jeffry Volk, Kevin Bucholz, Nick Gludt FIELDS OF PRACTICE: Civil Engineering, Land Surveying, Water Resources, Transportation Engineering, Project Management, Planning, GIS ACTIVITIES: Moore Engineering, Inc. is a consulting engineering firm providing services to both public and private sectors, specializing in water and wastewater systems as well as airports, highways and streets. We also provide planning and funding application services and expertise. Other services include Land Surveying, GIS and Water Resource Engineering.

(130) **M-P Consultants, PC**

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St. Louis Park, MN 55416

(6) 5775 Wayzata Blvd., Suite 700

Phone: (612) 567-2667 Email: bmendez@mpcons.com PRINCIPALS: Beatriz A. Mendez Lora, PE FIELDS OF PRACTICE: Electrical Engineering, Systems Communications Engineering, Systems Integration

ACTIVITIES: M-P Consultants, PC (MPC) was founded in MN in 1996 to provide quality professional electrical engineering consulting services to architectural and engineering consulting firms and government agencies. Our two primary focal industries are municipal waste treatment/convevance facilities and transit/transportation. In 2005, our services expanded to include integrated communication systems engineering to better serve the growing needs of our Clients. Our firm provides design in: power distribution system, emergency power systems, indoor/outdoor lighting (including photometrics), communication systems, SCADA, IT and network infrastructure, fire detection and alarm systems, electronic security and surveillance, access control, intrusion detection and lightning protection. Additional services provided are CAD/ Revit support, construction support and quality assurance management. We pride ourselves on being a small firm capable of delivering quality design and construction support services on high profile, large scaled projects; including, delivering said projects on time and on budget. M-P Consultants is a certified Minority/Woman Owned **Business Enterprise/Certified Disadvantaged Business** Enterprise.

MSA Professional Services, Inc. (30)

60 Plato Blvd. East, Suite 140 St. Paul. MN 55107 Phone: (612) 548-3132 Website: http://www.msa-ps.com Email: bmiller@msa-ps.com

2117 State St, Suite 200 Bettendorf, IA 52722 Email: cfields@msa-ps.com

332 W Superior St, Ste 600	2901 Int'l Ln, Ste 300
Duluth, MN 55802	Madison, WI 53704
Phone: (218) 722-3915	Phone: (608) 242-7779
1230 South Boulevard	302 East Thomas Street
Baraboo, WI 53913	Rice Lake, WI 54868
Phone: (608) 356-2771	Phone: (715) 234-1009

PRINCIPALS: Gilbert Hantzsch PE. Brian Miller PE FIELDS OF PRACTICE: Civil and Environmental Engineering, Surveying

ACTIVITIES: Comprehensive municipal, planning, water supply and storage, water and wastewater treatment and environmental studies, parks and trails, GIS development, downtown economic revitalization, storm water management, transportation, including traffic studies and analysis, environmental services, remedial investigation and design, site development, land development, and architecture.

Nelson - Rudie & Associates

9100 49th Ave N New Hope, MN 55428 Phone: (763) 367-7600 Website: http://www.nelsonrudie.com Email: joseph.pearce@nelsonrudie.com **PRINCIPALS:** Joseph M. Pearce PE; Michael D. Woehrle PE; John R. Brison PE; Frederic A. Decourt PE; Jeffrey A. Piehl PE

FIELDS OF PRACTICE: Structural Engineering, Mechanical Engineering, Electrical Engineering, Sustainable Design and LEED Certification, BIM Modeling

ACTIVITIES: Since our founding in 1976 Nelson-Rudie & Associates, Inc. has provided consulting engineering services to both public and private sector clients on a wide range of projects. We provide services for conventional design-bid-build projects as well as design-build assist. Our services include, investigations, feasibility studies,Pre-Design, Construction Documents, specifications, Construction Administration, energy modeling and analysis and system commissioning. Our recent emphasis has been on ice arenas, municipal, prototype and unique retail, multi-family housing, post-secondary education, and manufacturing projects.

Northern Technologies, LLC

6160 Carmen Avenue East Inver Grove Heights, MN 55076 Phone: (763) 433-9175 Website: http://www.ntigeo.com Email: ryanb@ntigeo.com

6588 141st Ave NW Ramsey, MN 55303 Phone: (763) 433-9175 Email: ryanb@nitgeo.com

 3522 4th Avenue South
 830 S. 48th St.

 Fargo, ND 58103
 Grand Forks, ND 58201

 Phone: (701) 232-1822
 Phone: (701) 775-3774

 Email: ryanb@ntigeo.com
 Email: jakev@ntigeo.com

8105 Black Hawk Rd Black Hawk, SD 57718 Phone: (605) 787-9303 Email: chrisl@ntigeo.com 2110 Lovett Ave #5 Bismark, ND 58504 Phone: (701) 425-5791 Email: tylerh@ntigeo.com

(32)

PRINCIPALS: Bret Anderson, PE; Ryan Benson, PE; Nick Berglund, PE FIELDS OF PRACTICE: Civil, Geotechnical,

Environmental

ACTIVITIES: Geotechnical exploration and investigations, construction materials engineering and testing, pavement engineering, environmental assessments, subsurface drilling and monitoring well installation, forensic engineering.

(49) Obermiller Nelson Engineering

1400 Van Buren St NE, Suite 130 Minneapolis, MN 55413 Phone: (651) 285-9754 Website: https://www.obernel.com/ Email: brent.wavra@obernel.com

525 Lake Ave S, #222	503 Hawthorne St, Ste 141
Duluth, MN 55802	Alexandria, MN 56308
Phone: (218) 722-3060	Phone: (320) 846-0300

PRINCIPALS: Brent Wavra, PE | Managing Principal & Mechanical Engineer | Chip Jacobs, PE | Production Principal & Mechanical Engineer

FIELDS OF PRACTICE: Mechanical, Electrical, Construction Management, Civil

ACTIVITIES: At Obermiller Nelson Engineering, Inc. (ONE), we deliver success to our clients by providing professional, detailed Mechanical, Electrical and Civil design and coordination for building systems. Since 1992, our clients have received the full and prompt attention of professional, knowledgeable engineers through every phase of their project.

Olson & Nesvold Engineers, P.S.C. (5)

8000 West 78th Street, Suite 410 Edina, MN 55439 Phone: (952) 767-2664 Website: http://www.one-mn.com Email: steve.olson@one-mn.com **PRINCIPALS:** Steve Olson, PE **FIELDS OF PRACTICE:** Structural

ACTIVITIES: Olson & Nesvold Engineers, P.S.C. was founded in January 2009 by Steve Olson. The company began to provide structure owners with quality, innovative engineering services. Services cover safety inspections, evaluation and load rating, new design and rehabilitation. In addition, the firm has extensive experience with historic bridge rehabilitation and bridge design.

(25)

Oswell Engineering and Consulting, LLC

1901 E Hennepin Ave, #201 Minneapolis, MN 55413 Phone: (612) 720-4639 Website: http://www.oswellec.com Email: craig.oswell@oswellec.com

PRINCIPALS: Craig Oswell, PE FIELDS OF PRACTICE: Structural design and analysis of new and existing commercial and residen-

tial structures, including distress reviews and owner/ contractor project assistance

ACTIVITIES: Founded in 2009 by Craig Oswell, PE, Oswell Engineering and Consulting is a structural design firm serving all aspects of the commercial, industrial, and residential markets. Known for creative and cost-effective design solutions, the firm utilizes extensive hands-on experience and connections within the construction industry to deliver exceptional owner solutions, regardless of the project's size. Services include new, remodel, and expansion designs, component designs, construction documents, and construction observation. Base services emphasize our expertise in the design of foundations, retaining wall systems, and residential construction, while specialty services include Code consulting, plan review, expert witness/testimony, and emerging product review. Other consulting services available are roject administration, feasibility reviews, schematic design assistance, and project cost estimating.

Palanisami & Associates. Inc.

5661 International Pkwy. Minneapolis, MN 55428 Phone: (763) 533-9403 Email: swami.engineer@palanisami.com PRINCIPALS: P. Palanisami

FIELDS OF PRACTICE: Structural, Geotechnical ACTIVITIES: Provides services to public and private clients in the areas of structural engineering, including commercial and industrial buildings, total design of parking facilities, and consulting to precast concrete producers; geotechnical engineering and quality control testing, including soil borings, foundation engineering, slope tabilization, field and laboratory quality control testing.

(1) PARSONS

(15)

(15) 3433 Broadway Street. NE, Suite 325 Minneapolis, MN 55413 Phone: (612) 656-7000 Website: http://www.parsons.com Email: vincent.gastoni@parsons.com PRINCIPALS: Vince Gastoni, PE; Jeff Gulden, PE FIELDS OF PRACTICE: Civil and Highway Engineering, Structural/Bridge Engineering, Environmental, Traffic and Transportation Engineering, Design/Build. ACTIVITIES: The Minneapolis office of PARSONS provides comprehensive services in highway and structural bridge engineering, design/build, traffic engineering, parking planning and design, environmental impact analysis, wetland management services, landscape architecture/urban design; transportation planning and rail transit planning and design. PARSONS' tradition of excellence is demonstrated by more than 30 years of quality service to clients in Minnesota.

Paulson & Clark Engineering, Inc. (24)

2352 East Country Road J White Bear Lake, MN 55110 Phone: (651) 407-6056 Website: http://www.paulsonclark.com Email: jpgille@paulsonclark.com

PRINCIPALS: Daniel S. Paulson, PE, John Paul Gille, PE, John D. Mooney

FIELDS OF PRACTICE: Structural, Mechanical & Electrical Engineering, Security and Technology Systems Desian

ACTIVITIES: Paulson & Clark Engineering is a multidiscipline consulting engineering firm. We work on large and small building projects of all types, including: commercial, correctional, government, health care, housing, industrial, maintenance, church, school, & parking facilities. In addition to providing traditional structural, mechanical & electrical building engineering services, we provide up-front consulting, design and specification, and implementation services for security (integrated systems, wide area networks systems, access control, closed circuit TV, intrusion detection, intercom, and fiber optics) and technology (voice/data, audio/visual, structured cabling, network, and telephone) systems.

Pierce Pini & Associates, Inc. (8)

9298 Central Avenue NE, Suite 312 Blaine, MN 55434

Phone: (763) 537-1311 Website: http://www.piercepini.com

Email: ppa@piercepini.com

PRINCIPALS: Rhonda S. Pierce, P.E.

FIELDS OF PRACTICE: Civil Engineering design including site development, grading, drainage and erosion control design, utility design, pavement design, stormwater management and water resources, SWPPP, transportation planning and engineering, transit planning and engineering, Intelligent Transportation Systems (ITS), cost estimation, project management, public relations, and construction administration services

membership

(28)

(11)

Firm Listings

ACTIVITIES: Pierce Pini & Associates, Inc. (PPA) was established as a woman-owned Business in 2003 and is registered by MUCP as a Disadvantaged Business Enterprise (DBE). PPA staff of registered professional engineers and public relations staff has over 60 years of experience in the civil engineering and construction related industry. PPA prides itself on our quality of work, excellent communication skills and creative engineering solutions. We thoughtfully approach each project to respect the existing parameters and environment and create solutions that are efficient, coordinated, functional, and exceed expectations.

Professional Engineering

Services, Ltd.

4204 Park Glen Road St. Louis Park, MN 55416 Phone: (952) 456-6707 Website: http://www.peservicesmn.com Email: ann.johnson@peservicesmn.com **PRINCIPALS:** Ann Johnson, President, Jeff Stewart, Vice President **FIELDS OF PRACTICE:** Civil

ACTIVITIES: Professional Engineering Services, Ltd. was formed in October of 1995 by Ann M. Johnson, PE. We are a certified DBE in the state of Minnesota. We have a highly qualified staff of Professional Engineers, EITs and civil engineering technicians that can meet your needs.

Rani Engineering, LLC

2912 Anthony Lane, Suite 100 Minneapolis, MN 55418 Phone: (612) 455-3322 Website: http://www.ranieng.com Email: steven.carlton@ranieng.com

12 J Mauchly, Suite 120 Irvine, CA 92618 Phone: (562) 388-4173

PRINCIPALS: Steven Carlton, PE

FIELDS OF PRACTICE: Transportation, Water Resources, Water Treatment, Wastewater Treatment, Environmental, Railroad Signals Engineering, Land Surveying, Landscape Architecture ACTIVITIES: Established in 1993, Rani Engineering is a highly recognized and award-winning firm located in Minneapolis, Minnesota, In 2018 the merger of

Minneapolis, Minnesota. In 2018 the merger of Progressive Consulting Engineering, LLC into Rani Engineering, LLC occurred. Cumulatively the firms have 65 years of experience, 40 employees and highly qualified service leaders. Rani provides professional and technical services to private and public sector clients nationwide. Rani Engineering offers expert services in Roadway, Water Resources, Survey, Utilities, Site Plans and Rail. At Rani, we focus on building partnerships who provide shared value built on a foundation of reliability and quality. Our team of experts is committed to client satisfaction and we support this commitment with dedication, experience, and project management that focuses on frequent and in-depth communication. Our past record of successful and collaborative projects stands as evidence that our top-priority is satisfied clients. Rani Engineering is certified as a Small Disadvantaged Business (SDB) by the U.S. Small Business Administration. Rani is also certified as a Veteran-Owned Business Enterprise and Target Business Enterprise (TGB) by the Minnesota State Department of Administration, and as a Disadvantaged/Minority Business Enterprise (DBE/MBE) by the Minnesota Unified Certification Program (MNUCP).

Reigstad Engineers, Inc.

192 W. 9th St. St. Paul, MN 55102 Phone: (651) 292-1123 Website: http://www.reigstad.com Email: greigstad@reigstad.com PRINCIPALS: Gordon H. Reigstad, PE, SE FIELDS OF PRACTICE: Structural Engineering ACTIVITIES: Reigstad provides comprehensive structural engineering design, parking ramp consultation, precast engineering for new and renovation projects. We work with a broad range of clients, both public and private, with projects ranging from low-rise commercial and retail to multi-story hotels and magnificent casinos. We believe a solid client relationship is the cornerstone of any structure and we strive to address our clients' expectations, including creative and cost-effective design.

RESPEC

(14)

(40)

1935 West County Road B2, Suite 230 Roseville, MN 55113 Phone: (651) 305-2280 Website: http://www.respec.com Email: julie.blackburn@respec.com **PRINCIPALS:** Jason Love, PE; Rick Moser, PE; Katy Thompson, PE, CFM; Geoff Kramer, PE; Jared Oswald, PE; Lee Rosen, PE; Julie Blackburn **FIELDS OF PRACTICE:** Environmental Engineering, Restoration, Construction Management, Environmental, Geotechnical, Mining, Planning, Project Management, Agricultural, Technology

ACTIVITIES: Specialty and general civil engineering and surveying services, including water resources, stormwater management, watershed planning and management, water quality modeling and monitoring, flood plain studies, hydrodynamic modeling, wetland delineation and restoration, environmental assessments and impact statements, environmental review and permitting, water supply, database development and management, GIS and web application development.

Rodeberg & Berryman, Inc.

119 S. First St. P.O. Box 55 Montevideo, MN 56265 Phone: (320) 269-7695 Email: mamborn@rbengr.com **PRINCIPALS:** Michael Amborn, PE **FIELDS OF PRACTICE:** Civil - Municipal **ACTIVITIES:** Municipal engineering including reports, design and supervision of construction for sanitary sewer systems, water supply and distribution, water treatment, storm sewers and drainage, streets, athletic fields,

recreational facilities and airports, geographic information systems (GIS) development and applications, GIS training and data creation, GPS mapping, CADD applications and construction staking and mapping.

Safe Haven Structural Engineering LLC (Safe Haven SE)

4852 38th Avenue South Minneapolis, MN 55417 Phone: (612) 284-7033 Website: http://www.safehavense.com Email: derek@safehavenSE.com **PRINCIPALS:** Derek Phillips, PE **FIELDS OF PRACTICE:** Structural

ACTIVITIES: Safe Haven SE provides structural engineering services for renovations, additions, and new construction for residential, commercial and public projects. We make every effort to meet our client's needs with "high-performance" structural engineering design, including cost effectiveness, efficient use of materials, clear and concise drawings, and holding true to the design's intent. We're here to help and look forward to working with you.

Sambatek, Inc.

12800 Whitewater Drive, Suite 300 Minnetonka, MN 55343 Phone: (763) 476-6010 Website: http://www.sambatek.com Email: ssamba@sambatek.com

2401 46th Ave SE, Suite 202 Mandan, ND 58554 Phone: (701) 204-6845 Email: sambatek@sambatek.com

PRINCIPALS: Sirish Samba, PE; Erik Miller PE; Mark Anderson, PE FIELDS OF PRACTICE: Civil Engineering, Land Surveying, Planning, Landscape Architecture, Environmental Engineering, Energy ACTIVITIES: Sambatek, Inc., formerly McCombs Frank Roos Associates, Inc. (MFRA), is a Twin Citiesbased professional services firm that specializes in engineering, surveying, planning, and environmental services. Since opening our doors in 1966, we've forged partnerships with public and private entities in the areas of Land Development, Government Services, Transportation/Transit, Water, and Energy.

(3) We're a vibrant organization that believes integrity, value, and outstanding service are the foundations of a great company. We employ some of the brightest and most energetic professionals in the industry. But most of all, we're known for being creative, responsive, and always up for the challenge. Our multidisciplinary approach means we can support projects of any size, from basic concepts through final construction. Working with you to improve the places in which we live, work, and play is where we shine and you succeed.

Sandman Structural Engineers (8)

10900 Noble Avenue North Champlin, MN 55316 Phone: (763) 560-5300 Website: https://www.sandmanse.com/ Email: sda@sdaeng.com

517 Northwest Fourth St., #113 Brainerd, MN 56401 Phone: (218) 824-1585 Website: http://www.sdaeng.com

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(97)

PRINCIPALS: Gregory J. Duerr, PE **FIELDS OF PRACTICE:** Structural Engineering **ACTIVITIES:** Provide full structural engineering services including engineering design, construction documents, specifications, reports, construction observation for educational, industrial (manufacturing, warehouse, specialized structures for equipment, maintenance and repairs of existing structures), commercial, municipal structures, medical, renovations, special structures and foundations. Services provided to architects, owners, government, engineers, contractors, developers and others.

Short Elliott Hendrickson Inc. (SEH) (441)

3535 Vadnais Center Drive St. Paul, MN 55110 Phone: (651) 490-2000 Website: http://www.sehinc.com Email: trustedadvisor@sehinc.com

416 South Sixth St, Ste 200 Brainerd, MN 56401 Phone: (218) 855-1700

418 W Superior St, Ste 200 Duluth, MN 55802 Phone: (218) 279-3000

21 NE 5th St, Ste 200 Grand Rapids, MN 55744 Phone: (218) 322-4500

1390 Hwy 15 S, Ste 200 Hutchinson, MN 55350 Phone: (320) 587-7341

11 Civic Ctr Plaza, Ste 200 Mankato, MN 56001 Phone: (507) 388-1989 10901 Red Circle Dr, Ste 300 Minnetonka, MN 55343 Phone: (952) 912-2600

717 Third Ave SE, Ste 101 Rochester, MN 55904 Phone: (507) 288-6464

1200 - 25th Avenue S St. Cloud, MN 56302 Phone: (320) 229-4300

615 9th Street North Virginia, MN 55792 Phone: (218) 741-4284

PRINCIPALS: David Ott, PE, CEO/President **FIELDS OF PRACTICE:** Civil, Transportation, Infrastructure, Environmental, Water, Wastewater, Planning, Architectural, Energy, Construction Services, Design-Build

ACTIVITIES: Architecture - Educational facilities, municipal buildings, commercial and industrial buildings, interior design and space planning, downtown economic revitalization and aviation facilities. Civil Engineering - Site studies, surveys and mapping, water and sewer systems, streets and drainage, utility investigations and design, pavement management, geotechnical engineering, dams, flood control, navigation and levees, hydrologic and hydraulic modeling, value engineering. Environmental - Wetland delineation and mitigation, environmental studies -(EA, EAW, EIS), storm water management, lake management. landfills. USTs. environmental site audits. hvdrogeologic studies, remedial investigation and design, wastewater, water treatment, regulatory permitting, solid/hazardous waste management, wellhead protection and air quality. Transportation - Highways and freeways, ITS, bridges and structures, right-of-way, parking facilities, comprehensive planning, transit, roundabouts, traffic engineering, multimodal planning, airport planning and design and railroads. Specialty Services - geographic information systems (GIS), coatings evaluation, federal DOD engineering, planning and building design services, telecommunications site development, electrical engineering, energy related services, land development, mining.

SRF Consulting Group, Inc.

1 Carlson Parkway North, Suite 150 Minneapolis, MN 55447 Phone: (763) 475-0010 Website: http://www.srfconsulting.com

2550 University Avenue W Suite 345N St. Paul, MN 55114 Phone: (651) 333-4100	6720 Frank Lloyd Wright Ave Madison, WI 53562 Phone: (608) 829-0010
1 North Second Street	11270 W. Park Place
Fargo, ND 58102	Milwaukee, WI 53224
Phone: (701) 237-0010	Phone: (414) 269-5000
2370 Vermont Avenue	11422 Miracle Hills Dr.
Bismarck, ND 58504	Omaha, NE 68154
Phone: (701) 751-5070	Phone: (402) 778-5025

(264)

PRINCIPALS: David R. Montebello, PE, Todd Ploum, PE **FIELDS OF PRACTICE:** Asset Management, Civil, Construction Management, Data Analytics, Design-Build, Environmental, ITS, Landscape Architecture, Municipal, Planning, Project Controls, Right of Way, Stormwater, Structural, Surveying, Transportation, Visualization ACTIVITIES: Founded in 1961, SRF is a 100% ESOP, full-service consulting firm with a broad base of awardwinning engineering, planning, and design services, including: structural engineering; transportation planning and transit planning; asset management; environmental services; water resources engineering; community planning; landscape architecture and urban design; civil engineering; highway/municipal engineering; traffic engineering, signal design, and data analytics; intelligent transportation systems (ITS); land surveying, right of way and land acquisition; design-build; project controls; in-construction and construction administration services; visualization; and community/public engagement and process facilitation.

Stanle	y Consultants, Inc.	(38)
5775 Way	zata Boulevard, Suite 300	

Minneapolis, MN 55416 Phone: (952) 546-3669 Website: http://www.stanleyconsultants.com Email: eckmanshane@stanleygroup.com PRINCIPALS: Kate Harris, Bill Holman, Shane Eckman FIELDS OF PRACTICE: Civil, Construction Management, Electrical, Energy Conservation, Environmental, Geotechnical, Mechanical, Municipal, Structural, Transportation and Commissioning ACTIVITIES: Engineering/architectural consultants for: federal, state, county, collegiate, and industrial clients; private sector clients; public and private utilities; and serving clients locally, across the country and internationally. Prepare studies, reports, engineering analysis, value engineering, preliminary and final design, computer modeling, engineering and architectural graphics, GIS services, construction management, and design-build services. Projects include: freeways. highways. streets. bridges, utilities, industrial and power plants, industrial and administrative buildings, power systems, power transmission and distribution, water treatment and distribution, wastewater treatment and collection, cogeneration, air pollution, water resources, harbors, airports, comprehensive planning, land use planning, buildings, commissioning, architecture, subdivisions, land development and related projects, flood damage risk reduction, dams and hydroelectric power.

Stantec

773 Marquette Ave., Suite 1000 Minneapolis, MN 55402 Phone: (612) 712-2000 Website: http://www.stantec.com Email: info@stantec.com

6188 Rome Circle NW Rochester, MN 55901 Phone: (507) 282-2100

3717 - 23rd Street South St. Cloud, MN 56301 Phone: (320) 251-4553

PRINCIPALS: Lee Mann, Steve Alm, Tom Bader FIELDS OF PRACTICE: Municipal Infrastructure, Water, Wastewater, Transportation, Water and Natural Resources, Property Assessment and Development/ Redevelopment, Planning, Urban Design, Landscape Architecture, Contaminant Management, Environmental Compliance, Industrial Hygiene, Building Engineering, Surveying, Sports and Recreation

ACTIVITIES: Stantec has a 60-year history in Minnesota providing professional engineering and consulting services. Our nearly 200 staff in Minnesota are supported by more than 14,000 employees and 200 locations across North America. Combining an outstanding local reputation for providing innovative, practical, and sustainable solutions with Stantec's global expertise means great possibilities for our clients. We provide professional consulting services in planning, engineering, architecture, transportation, transit, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics for infrastructure and facilities projects. Public and private sector clients have come to rely on our diverse mix of skills that make a difference in people's lives. We are One Team providing Infinite Solutions.

Stonebrooke Engineering, Inc.

12279 Nicollet Ave. S. Burnsville, MN 55337 Phone: (952) 402-9202 Website: http://www.stonebrookeengineering.com

Email: tarvidson@stonebrookeengineering.com PRINCIPALS: Tim Arvidson, PE; Brenda Arvidson, MBA; Chad Seaman, PE

FIELDS OF PRACTICE: Transportation Planning, Planning/Traffic Engineering, Bridge/Structural, Site Services, Water Resources, Construction Resources, Land Surveying & Mapping, Design & Outreach ACTIVITIES: Since 2003, Stonebrooke Engineering has been providing planning, design, surveying, and construction services to our clients, including MnDOT and numerous counties, cities, and other local agencies. In addition to engineering design, our services include video production, marketing, traffic safety research, land surveying, roundabouts, traffic modeling, transportation planning, bridge design, and graphic/web services. From value engineering and being good stewards of our clients' budgets and public funds, to environmentally conscious and context sensitive designs, we seek to engineer solutions that are smart, effective, and responsible.

(192) Structural Resource Center, LLC

(1) 1016 Autumn Alcove Woodbury, MN 55125 Phone: (651) 352-1052 Website: https://structuralrc.com/ Email: dfell@structuralrc.com PRINCIPALS: Douglas Fell, PE FIELDS OF PRACTICE: Structural, Forensic ACTIVITIES: Structural engineering services with special emphasis on emergency response structural engineering, forensic engineering, expert witness/legal cases, insurance cases, unique designs, structural assessments and other specialty projects and all aspects of the business of construction, architectural and engineering consulting firms. Certified CalOES (California Office of Emergency Services) SAP (Safety Assessment Program) Evaluator, Coordinator and Trainer for the assessment of building structures after a natural or man made disaster. Also trained in safety systems, hazardous materials and other areas to allow for the proper entry into damaged structures.

(15) Terracon Consultants, Inc.

955 Wells St., Suite 100 St. Paul. MN 55106 Phone: (651) 770-1500 Website: http://www.terracon.com Email: djwolfgram@terracon.com

13400 15th Ave. N. Plymouth, MN 55441 Phone: (763) 489-3100

(22)

PRINCIPALS: David Wolfgram, PE; Mike Johnson, PE; Ken Olson, PE

FIELDS OF PRACTICE: Environmental and Geotechnical Engineering, Construction Materials Engineering and Testing, and Facilities Assessments.

ACTIVITIES: Environmental Services: soil and ground water assessments and remediation, compliance audits, Phase I site assessments, property condition assessments, environmental management systems, asbestos and other industrial hygiene services, NEPA surveys, environmental review, wetland delineation, wind farm permitting and Brownfield/Superfund project design and remediation, building enclosure consulting, property/facility condition assessments, aquatics assessment and design, energy/ building performance modeling, facility asset management, and forensic investigation. Geotechnical Services: drilling, determination of proper foundations and design parameters for structures, grouting, compaction, reinforcement and other ground improvement methods, in-situ testing, performance monitoring, seepage control, containment systems design, selection of materials for earth dams, railroad or highway embankments, reinforced and unreinforced earth retaining systems, construction excavation support including soil nailing and tie-back systems, cut and embankment slope design and stabilization rock coring, laboratory testing of rock analysis and design of rock slopes and embankments, support requirements for tunnels and other excavations, rock anchors and bolts. Construction Materials Testing: design of constructed materials, testing of soil, concrete and masonry, asphalt, aggregates and floor flatness.

TKDA

444 Cedar St., Suite 1500 UBS Plaza St. Paul, MN 55101 Phone: (651) 292-4400 Website: http://www.tkda.com Email: info@tkda.com

11 East Superior St, Ste 420 Duluth, MN 55802 Phone: (218) 724-8578

51 Mochel Dr, Ste 205
icago, IL 60515
one: (630) 499-4110
i

 685 E Carnegie Dr, Ste 105
 2454 Occidental Ave S, Ste 3-AA

 San Bernardino, CA 92408
 Seattle, WA 98134

 Phone: (909) 332-6010
 Phone: (206) 466-1028

PRINCIPALS: Thomas S. Stoneburner, Kevin R. Cullen, DJ Heinle, Dennis M. Postler, Jeffrey Lipovetz, John W. Ahern, Leslee A. LeRoux, Gregory S. Barlow, Dean D. Gratz, Andy Wagstrom

FIELDS OF PRACTICE: Complete Consulting Engineering, Architectural and Planning Services ACTIVITIES: Engineers and architects offering complete consulting services for industrial, commercial, educational and public government clients. Services in energy studies and energy management programs, district heating systems, industrial buildings and facilities, site development, airports, bridges, roads, railroads, mining, municipal engineering, water and wastewater systems.

Ulteig

4285 Lexington Avenue North St. Paul, MN 55126 Phone: (651) 415-3800 Website: http://www.ulteig.com Email: doug.jaeger@ulteig.com

1345 Highway 10 W	5575 DTC Pkwy, Ste 200
Detroit Lakes, MN 56501	Denver, CO 80111
Phone: (218) 847-5607	Phone: (720) 873-5700
3350 38th Avenue South	109 North Cedar Point Rd
Fargo, ND 58104	Cedar Rapids, IA 52233
Phone: (701) 280-8500	Phone: (319) 286-3000
1412 Basin Avenue	820 11th St. East
Bismarck, ND 58504	Williston, ND 55801
Phone: (701) 258-6507	Phone: (701) 572-4172
5701 South Corporate Dr	216 S Broadway St, Ste 200
Sioux Falls, SD 57108	Minot, ND 58701
Phone: (605) 323-2306	Phone: (701) 280-8500

(278) PRINCIPALS: Doug Jaeger, CEO; Hoss Tabrizi, CETO; Jeremy Alinder, CFO; Jim Horn, CHRO, Kelly Frankenfeld, CMSO; Mike Dunham, VP of Field Services FIELDS OF PRACTICE: Power, Renewables, Civil, Electrical, Structural, Transportation, Surveying, Communications

ACTIVITIES: Civil engineering, including water resources, bridges, traffic engineering, surveying, airports, street improvements, storm sewers, developments and subdivisions, specifications, construction observation, failure investigations, plan review. Electric utility engineering services for complete design of substations, transmission lines and distribution systems. Electric-utility related services for commercial-industrial clients. Right-of-way and site acquisition services. Communication facility development. Telecommunications also includes monopoles, guyed towers, self-support tower sites, roof-top sites, water tank installations, stealth antenna installations, billboards, and fiber.

VAA, LLC

(126)

(160)

2300 Berkshire Lane North, Suite 200 Plymouth, MN 55441 Phone: (763) 559-9100 Website: http://www.vaaeng.com Email: kjacobson@vaaeng.com

PRINCIPALS: Jeffrey J. Schrock, PE, LEED AP; Keith W. Jacobson, PE, LEED AP; Shawn Shahriar, PH.D, PE; Kelsey F. Brown, PE SE, Mark D. Mielke, PE, LEED AP, David Olheiser, PE; Quin Vincent; Andrew Lapalme PE, LEED AP; Brian Dalton, PE, SE; Chris Broderson, PE; Vlad Dain, PE, P.Eng, LEED

FIELDS OF PRACTICE: Engineering firm serving agricultural, architectural and industrial clients. Services civil, structural, mechanical and electrical engineering; food processing and packaging; equipment layout; industrial architecture and rail design.

ACTIVITIES: Structural and civil engineering for corporate, education, retail, government, health care, hospitality, senior living, commercial buildings and parking facilities; remodel, renovation and investigation of existing structures. Engineering and planning for industrial and agribusiness, including bulk commodity processing facilities; material handling; transportation and export. VAA has significant experience in facility design and the design of slipformed structures.

1012 5th Ave.

Building E

Windom, MN 56101

Phone: (507) 831-2703

4025 Automation Way

Fort Collins, CO 80525

Phone: (970) 223-4705

2 North Main Street. #402

Sheridan, WY 82801

Duluth. MN 55802

Phone: (307) 675-1148

11 E. Superior St, Ste 565

Phone: 1-800-472-2232

Firm Listings

Walker Consultants 1660 S Hwy. 100, Suite 545 Minneapolis, MN 55416 Phone: (952) 595-9116 Website: http://www.walkerconsultants.com Email: sfroemming@walkerconsultants.com PRINCIPALS: Terrence A. Hakkola, PE, Scott Froemming, PE

FIELDS OF PRACTICE: Parking Planning, Studies, Design and Restoration

ACTIVITIES: Engineering-parking consultant providing feasibility analysis, functional design and total design services for multi-level parking facilities. Complete structural engineering capabilities with emphasis on pre-cast concrete and post-tensioned concrete buildings. Concrete restoration engineering of older parking facilities including the preparation of preventive maintenance manuals. Building envelope restoration.

Walker Engineering, Inc.

320 E. Main Street Anoka, MN 55303 Phone: (763) 422-8696 Email: swalker@popp.net **PRINCIPALS:** Shirley Walker Stinson, PE **FIELDS OF PRACTICE:** Civil/Structural Engineering **ACTIVITIES:** Providing civil engineering consulting services to public and private clients for transportation related structures, wastewater structures and other special structures.

Wenck

P.O. Box 249 Maple Plain, MN 55359 Phone: (763) 479-4200 Website: http://www.wenck.com Email: wenckmp@wenck.com

1802 Wooddale Dr., Ste 100 Woodbury, MN 55125 Phone: (651) 294-4580 (6) 7500 Olson Memorial Hwy, Ste 300 Golden Valley, MN 55427 Phone: (763) 252-6800

> 3310 Fiechtner Dr., Ste 110 Fargo, ND 58103 Phone: (701) 297-9600

1080 Holcomb Bridge Rd. Bldg 100, Suite 190 Roswell, GA 30076 Phone: (678) 987-5840

301 1st St. NE, #202 Mandan, ND 58554 Phone: (701) 751-3370

(1)

(201)

 9000 Science Center Dr
 1904 East 15th Street

 New Hope, MN 55428
 Cheyenne, WY 82001

 Phone: (763) 987-5840
 Phone: (307) 634-7848

PRINCIPALS: Joseph J. Grabowski; William L. Brown, PE; Rodney W. Ambrosie, PE; Steven T. Menden; Vincent VanderTop, PE; Peter G. Miller; Edward A. Hoefs, PE **FIELDS OF PRACTICE:** Consulting Civil and Environmental Engineering

ACTIVITIES: Air Quality; Civil Engineering; Emergency Response Services; Environmental Management and Regulatory Compliance; Industrial Hygiene and Safety; Site Assessments; Sustainability Services; Traffic Engineering and Transportation Planning; Waste Management; Water Resources; Environmental Review and Assessment; Geotechnical Services; Industrial Design and Engineering.

Wenzel Engineering, Inc	. (7)
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10100 Morgan Ave. South Minneapolis, MN 55431 Phone: (952) 888-6516 Website: http://www.wenzelengineering.com Email: info@wenzelengineering.com

1567 Covey Drive River Falls, WI 54022 Phone: (715) 629-7136

PRINCIPALS: Steve Rivard, PE

FIELDS OF PRACTICE: Civil and Structural Engineering **ACTIVITIES:** Structural and civil engineering for commercial, retail, medical, institutional and industrial buildings. Economical foundation solutions for buildings on marginal soils. Structural engineering for facilities controlled by environmental regulations. Building investigations before sale or remodeling or for distress and settlement after damage. Remodeling. Heavy and special structures. Temporary structures, erection procedures, value engineering, monitoring of construction testing for contractors.

WHKS & Co.

2905 S. Broadway Rochester, MN 55904 Phone: (507) 288-3923 Website: http://www.whks.com Email: rochester@whks.com **PRINCIPALS:** Bill Angerman, Timothy Hruska

FIELDS OF PRACTICE: Civil, Environmental, Municipal, Land Surveying, Structural, Transportation, and Water Resources

ACTIVITIES: Investigations, reports, design, construction administration and observation of civil, sanitary, municipal and structural projects. Projects include airports, bridges, rural and urban highways, streets, sewers and wastewater treatment, water supply and distribution, drainage, wetland delineation, parks and trails.

Widseth Smith Nolting

& Assocs., Inc.

216 S. Main St. Crookston, MN 56716 Phone: (218) 281-6522 Website: http://www.wsn.us.com

610 Fillmore St.	3777 40th Ave NW, Ste 200
Alexandria, MN 56308	Rochester, MN 55901
Phone: (320) 762-8149	Phone: (507) 292-8743
7804 Industrial Park Rd.	217 Plum Street, Suite 130
Baxter, MN 56425	Red Wing, MN 55066
Phone: (218) 829-5117	Phone: (651) 388-2443
3535 31st St. S, Ste 203	1600 Central Avenue NE
Grand Forks, ND 58201	East Grand Forks, MN 56721
Phone: (701) 795-1975	Phone: (218) 773-1185
315 5th Street	6641 Lake Blvd
Bemidji, MN 56601	Forest Lake, MN 55025
Phone: (218) 444-1859	Phone: (651) 464-3130

PRINCIPALS: Larry J. VanHout, Kevin B. Wernberg, David S. Reese, Timothy M. Houle, Kevin J. Donnay, Timothy D. Schoonhoven, Brian A. Ross, Mark V. Hallan, Kent A. Rohr, Richard A. Clauson, Craig Britton, Jeff Kuhn, Aric Welch, Curt Meyer, James Megel, Bryan Balcome, Brad Bail, Greg Boppre, Steve Emery, Eric Jendro, Chris Jordheim, Peter Sarberg, Brent Dammann FIELDS OF PRACTICE: Civil, Architectural, Land Surveying, Project Management, Environmental **ACTIVITIES:** Complete municipal engineering services including preliminary studies, design, inspection and contract administration for water, sewer, storm sewer, streets, highways, bridges, airports and parks. Hydraulics, hydrology and drainage. Land use planning and platting, GIS. Boundary, topographic and construction surveying. Also, complete architectural services for all types of building projects.

(200)

701 Xenia Avenue South, Suite 300 Minneapolis, MN 55416 Phone: (763) 541-4800 Website: http://www.wsbeng.com Email: info@wsbeng.com

15574 Edgewood Dr, Ste 103 Baxter, MN 56425 Phone: (218) 824-3960

540 Gateway Blvd Burnsville, MN 55337 Phone: (952) 737-4660

3701 40th Ave NW, Ste 100 Rochester, MN 55901 Phone: (507) 289-3919

4140 Thielman Ln, Ste 204 St. Cloud, MN 56301 Phone: (320) 252-4900

178 East 9th St, Ste 200 St. Paul, MN 55101 Phone: (651) 286-8450

720 South Colorado Blvd Penthouse North Denver, CO 80246 Phone: (303) 215-5296

PRINCIPALS: Jason Amberg, RLA, Bob Barth, Brian Bourassa, Jon Chiglo, PE, Jeff Christiansen, PE, Jacqueline Corkle, Morgan Dawley, PE, Sean Delmore, Mark Erichson, PE, Earth Evans, PE, Pete Helder, Thad Hellman, Greg Johnson, Jay Kennedy, PE, Kyle Klasen, PLS, DeAnna Leseman, Derek Schmidt, Don Sterna, Greg Johnson, John Mackiewicz, Jody Martinson, Ben Maurer, Justin Messner, PE, Andrea Moffatt, PWS, Peter Muehlbach, PE, Michael Nielson, PE, Chuck Rickart, Michael Rief, PE, Bret Weiss, PE, Kevin Wold, SPHR FIELDS OF PRACTICE: Infrastructure, Engineering, Planning, Environmental, Survey, Construction Administration, GIS, Landscape Architecture, Economic Development

ACTIVITIES: WSB is a professional consulting and design firm providing diverse engineering, planning, environmental, and construction services to clients in the government, energy, and commercial markets. Since 1995, WSB has remained dedicated to creating a culture of relationship building, forward thinking, and collaboration that enables technically-advanced, thoughtful, and creative engineering and design solutions that build a legacy - your legacy. By inspiring each other to look beyond solutions for today, and capitalize on the opportunities of tomorrow, WSB has seen steady growth in staffing and professional service areas. The firm's investment in staff and client education supports the collaborative, knowledge-driven, and inspiring environment that delivers results.

(472)

Englewood, CO 80112 Phone: (720) 318-8862 4501 Coleman St, Ste 205 Bismarck, ND 58503 Phone: (701) 403-0338

3523 45th Street S, Ste 178 Fargo, ND 58104 Phone: (701) 639-6577

8310 S Valley Hwy., #300

1101 S Capital of Texas Hwy Building D Austin, TX 78746 Phone: (512) 327-9204

2150 S Central Expressway Suite 200 McKinney, TX 75070 Phone: (214) 213-1700

WSP USA

520 Nicollet Mall, Suite 800 Minneapolis, MN 55402 Phone: (612) 677-1284 Website: http://www.wsp.com Email: thomas.sorel@wsp.com **PRINCIPALS:** Thomas Sorel

FIELDS OF PRACTICE: Transportation, Public Works Engineering, Water and Environmental ACTIVITIES: Planning, design and construction manage-

(50)

ACTIVITIES: Planning, design and construction management of transportation projects including highways, interchanges, transit systems, railroads, bridges and tunnels, water resources and other civil and structural infrastructure, and Phase I and II Property Assessments.

Wunderlich-Malec Engineering, Inc. (400)

6101 Blue Circle Drive Eden Prairie, MN 55343 Phone: (952) 933-3222 Website: http://www.wmeng.com Email: neal.wunderlich@wmeng.com **PRINCIPALS:** Neal K. Wunderlich, PE, Walter J. Malec, PE, Dan Gilbert, Operations Manager, Mike Norman, Ops. Mgr., Gregg Dorwart, Ops. Mgr., and Karen Roiland, CFO **FIELDS OF PRACTICE:** Electrical/Power Engineering, Systems Integration, Instrumentation, Architecture, Mechanical Engineering, Control and Power system fabrication, Process skid fabrication, Commissioning and Training

ACTIVITIES: Wunderlich-Malec has been in business since 1981 and is 100% employee owned (ESOP). We provide services to our customers from our 32 offices in 20 states a crossed the US. We presently have over 400 employees and work with a variety of clients both nationally and internationally. Markets served include: high tech (semiconductor and data centers), energy, food and beverage, pharmaceutical, water/wastewater, chemical, oil and gas, entertainment/theme park and manufacturing. We also provide EPC services for clients.



Design Professionals Turn to DeWitt

Whether your company seeks legal advice on corporate or contract matters, employment situations, intellectual property or construction issues – look to DeWitt to handle your legal needs. We offer clients proactive, costeffective advice in more than 30 areas of law ranging from construction and real estate to business, corporate, estate planning and more. When you want a trusted, full-service law firm, please contact Holly J. Newman at hjn@dewittllp.com | (612) 305-1450 or visit our website at dewittllp.com.

Minneapolis Office

2100 AT&T Tower, 901 Marquette Ave., Minneapolis, MN 55402 MADISON SGREATER MILWAUKEE MINNEAPOLIS dewi

dewittllp.com

ACEC Business Insurance Trust

3780 Mansell Road, Suite 370 Alpharetta, GA 30022 Phone: (833) 223-2248 Website: http://www.acecbit.org Email: jeff.connelly@greyling.com **PRINCIPALS:** Jeff Connelly

FIELDS OF PRACTICE: Insurance

ACTIVITIES: Greyling Insurance Brokerage, a division of EPIC (Greyling) is the endorsed broker for the ACEC Business Insurance Trust (BIT). Greyling is a specialty insurance broker and risk consultant dedicated to serving the design and construction industries. Greyling has experienced veterans of the insurance industry, design industry and legal profession which results in taking a multi-focal view of risk to develop risk management and insurance solutions for firms of all sizes. This includes access not only to the ACEC BIT's customized Business Insurance Program that economically fits the needs of most member firms, but also access to the most sophisticated insurance markets in the world for large ACEC member firms with complex risk exposures.

ACEC Life/Health Insurance Trust (1)

2600 Network Blvd., #230 Frisco, TX 75034 Phone: (800) 841-6130 Website: http://www.aceclifehealthtrust.com Email: lana@aceclifehealthtrust.com **PRINCIPALS:** Pat Feyen, Gary Cole **FIELDS OF PRACTICE:** Healthcare

ACTIVITIES: The ACEC Life/Health Insurance Trusts purpose is to provide quality and affordable healthcare to ACEC member firms.

Associated Benefits & Risk Consulting

6000 Clearwater Drive Minnetonka, MN 55343 Phone: (952) 945-0200 Website: http://www.associatedbrc.com **PRINCIPALS:** Brian Langefels, CEBS, GBA Carl Godziek, CIC

FIELDS OF PRACTICE: Employee Benefits, Risk Management, Retirement Plans & HR Consulting ACTIVITIES: We are a premier employee benefits, risk management, retirement plan and HR consulting agency based in Minnesota, Wisconsin and Illinois with over 500 colleagues supporting our clients. At Associated Benefits and Risk Consulting, we devote our vast resources to solve your problems, so you can focus on your business. We look at employee benefits and risk management strategically - helping our clients to leverage their talent and understand their risk when making critical decisions. We are known for our high energy, innovation and commitment - to our clients and each other. Our clients are more like partners. Your success is how wemeasure our own achievement. 332 Minnesota Street, Suite W900 St. Paul, MN 55101 Phone: (651) 227-9431 Website: http://bgm-cpa.com/ Email: cparnell@bgm-cpa.com **PRINCIPALS:** Corey Parnell

FIELDS OF PRACTICE: Certified Public Accountants & Consultants

ACTIVITIES: BGM is a firm of entrepreneurial and proactive CPAs and Advisors. We understand and appreciate the entrepreneurial spirit that can exist inside any business, because it exists inside our own. We anticipate needs, generate ideas, provide insight, and identify opportunities. Through our auditing, accounting, tax, and advisory services, we'll work with you to create innovative solutions to help grow your business, achieve your goals, and realize your passion.

BOULAY, CPAs & Advisors

7500 Flying Cloud Drive Eden Prairie, MN 55344 Phone: (952) 893-9320 Website: http://www.bhz.com **PRINCIPALS:** Tom Losey, Kevin Ellis, Ron Overson

(500)

FIELDS OF PRACTICE: Certified Public Accountants & Consultants

ACTIVITIES: Boulay works with closely-held businesses, public companies and individuals who are, or who aspire to be financially successful. Our focus is to help you protect your business, build your wealth and secure your future by partnering with you and integrating our depth of experience in accounting, tax and other financial services designed to help engineering, architectural and construction firms get there.

Chartwell Financial Advisory, Inc. (50) 150 South Fifth Street Suite 2700 Minneapolis, MN 55402 Phone: (612) 230-3100 Website: http://www.chartwellfa.com Email: chris.staloch@chartwellfa.com PRINCIPALS: Chris Staloch, Joe Skorczewski FIELDS OF PRACTICE: Mergers & Acquisitions, Debt & Equity Placements, Employee Stock Ownership Plans (ESOP), Equity Compensation, Financial Reporting, Corporate Development, Business Valuation ACTIVITIES: Chartwell's expertise in financial advisory, compensation consulting, M&A, and valuation services is focused on the unique needs of middle market companies. Our dedicated AEC team provides services to more than 100 companies in the industry and is passionate about delivering innovative, unbiased solutions of the highest quality to address our clients' financial complexities.

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Affiliate Listings

The Coleman Law Firm, LLC

800 Washington Ave. N Suite 620 Minneapolis, MN 55401 Phone: (612) 877-8200 Website: http://www.jwcolaw.com Email: jwc@jwcolaw.com

PRINCIPALS: Jeffrey W. Coleman, PE **FIELDS OF PRACTICE:** Law firm that focuses its practice on representing engineers and other design professionals.

ACTIVITIES: The Coleman Law Firm is a group of skilled attorneys with experience representing businesses engaged in architecture, engineering and concrete construction as well as litigation and general business law.

Corporate Psychologists, LLC

3800 American Blvd W, Suite 760 Bloomington, MN 55431 Phone: (763) 591-4430 Website: http://www.corporatepsychologists.com Email: salmi@corporatepsychologists.com **PRINCIPALS:** Steven Salmi, Ph.D., LP

FIELDS OF PRACTICE: Management Consulting ACTIVITIES: At Corporate Psychologists, we empower organizations to select only the best talent and to develop their existing talent to be their best. We offer people solutions that span the employee lifecycle: from selecting the right candidates to providing outplacement support. Services include selection and development assessment, performance coaching, 360° feedback, team development and training, innovative culture development, succession planning, engagement surveys, and a host of other talent management services.

CSDZ

225 S. 6th St., Suite 1900 Minneapolis, MN 55402 Phone: (612) 349-2400 Website: http://www.csdz.com Email: wleaf@csdz.com

PRINCIPALS: Will Leaf, Vice President

FIELDS OF PRACTICE: Professional liability insurance, Property/Casualty coverages and Risk Management Services

ACTIVITIES: Full service independent insurance agency with offices in Minnesota, Wisconsin and Utah. Specialize in providing insurance, surety and risk management to the construction and design industries.

(2) DeWitt LLP

2100 AT&T Tower 901 Marquette Avenue Minneapolis, MN 55402 Phone: (612) 305-1400 Website: http://www.dewittllp.com Email: hjn@dewittllp.com

13935 Bishop's Dr., Ste 300	2 East Mifflin St., Ste 600
Milwaukee, WI 53005	Madison, WI 53703
Phone: (262) 754-2840	Phone: (608) 255-8891

PRINCIPALS: Holly Newman, Patrick Summers, James D. Kremer, Dwight Rabuse FIELDS OF PRACTICE: Law

ACTIVITIES: DeWitt Mackall Crounse & Moore S.C., and its affiliate DeWitt Ross & Stevens S.C., have more than 100 attorneys practicing in Minnesota and Wisconsin in a variety of legal areas and have the experience to service clients of all scopes and sizes. Its Construction Industry Group emphasizes representation of design professionals, including malpractice defense, intellectual property rights, contract drafting and negotiation, risk management/loss prevention, lien foreclosures, bond claims and related litigation. The firm's clients include large corporations and family owned businesses, design professionals, employers, associations, individuals, municipalities and others who seek advice in more than 30 different areas of the law. Nominated by peers as top lawyers nationally and locally, its lawyers are known for their experience in several other areas of law, including corporate law, employment, environmental, employee benefits, government relations, health care, litigation, real estate, tax, estate planning, family law, intellectual property, patents, trademarks and copyright law. More information is available at www.dewittross.com.

(3) Enterprise Fleet Management

(1)

(2)

2775 Blue Water Road Eagan, MN 55121 Phone: (651) 905-5073 Website: http://www.efleets.com/ Email: daniel.m.kenney@efleets.com **PRINCIPALS:** Daniel Kenney **FIELDS OF PRACTICE:** Fleet Management **ACTIVITIES:** Fleet management company that helps firms who have 20-200 vehicles in their fleet lower tot

firms who have 20-200 vehicles in their fleet lower total dollars spent on vehicles.

Gallagher

3600 American Blvd. West, Suite 500 Bloomington, MN 55431 Phone: (952) 345-2305 Website: http://www.ajg.com Email: doug_luick@ajg.com

PRINCIPALS: Doug Luick, Annie Dittberner, and Mike Fewer

FIELDS OF PRACTICE: Insurance, Risk Management, Benefits & HR Consulting, Total Rewards Consulting ACTIVITIES: Your organization is unique. Your benefits and compensation programs should be, too. At Gallagher we work hard to understand your industry, your market and the unique constraints and opportunities that can affect your success. Rising healthcare costs, workforce issues, hiring challenges, legal risks, competitive positioning, financial strategy, compliance requirements – no detail is too small. Our team will help you craft a tailored solution that balances your unique priorities, goals and financial realities. Together, we'll build a total rewards plan that is structured to deliver positive, sustainable impact and measurable results.

H. Robert Anderson & Associates, Inc. (2)

8201 Norman Center Drive, Suite 220 Bloomington, MN 55437 Phone: (952) 893-1933 Website: http://www.hrandersoninsurance.com Email: theresa@hrandersoninsurance.com **PRINCIPALS:** Theresa M. Anderson **FIELDS OF PRACTICE:** Insurance

ACTIVITIES: Full service insurance agency specializing in providing professional liability insurance to engineers, architects, CPAs and attorneys. Exclusive Minnesota representative of the XL Specialty Insurance program (formerly DPIC) for professional liability insurance.

Heley, Duncan & Melander, PLLP

8500 Normandale Lake Blvd., #2110 Minneapolis, MN 55437 Phone: (952) 841-0001 Website: http://www.heleyduncan.com

PRINCIPALS: Mark J. Heley, Eric R. Heiberg, Steve F. Buterin, Valerie R. Sims

FIELDS OF PRACTICE: Law, specifically professional liability, insurance, construction, general corporate and employment law

ACTIVITIES: A 15 lawyer firm representing engineers and others in the design and construction professions. Provides a full complement of services, including professional liability consultation and defense; risk management and claims avoidance; licensing consultation and representation in Board complaints; environmental consultation and representation; fee collections; contract drafting, review and negotiation; insurance disputerepresentation; general corporate law; and employment law.

(2) Hiway Federal Credit Union

840 Westminster Street St. Paul, MN 55130 Phone: (651) 291-1515 Website: http://www.hiway.org **PRINCIPALS:** Glen Durbahn, Mark Hodowanic **FIELDS OF PRACTICE:** Full-Service Financial Institution **ACTIVITIES:** Hiway Federal Credit Union (Hiway) is dedicated to serving the engineering community in

dedicated to serving the engineering community in Minnesota. We have partnered with the MN Department of Transportation and their business partners for over 80 years. Our vision is "to deliver member-driven service that is unparalleled by any other financial institution. By exceeding our members' expectations, we consistently demonstrate to our current and potential members that Hiway is the best choice for all their financial business.

HUB International Mountain States Limited

(15)

(200)

245 E. Roselawn Ave., #31 St. Paul, MN 55117 Phone: (651) 488-0789 Website: https://www.hubinternational.com/mountain/ Email: ann.ross@hubinternational.com

PRINCIPALS: Craig McNulty, Ann Ross

FIELDS OF PRACTICE: Insurance agency specializing in A&E firms.

ACTIVITIES: HUB International Mountain States, formerly BW Insurance is a full-service, national independent insurance agency offering a broad range of insurance and financial products to its customers. HUB International Mountain Limited is committed to establishing and maintaining a relationship of mutual trust and service with each of its customers and each of the companies it represents.

Kraus-Anderson Insurance

(3)

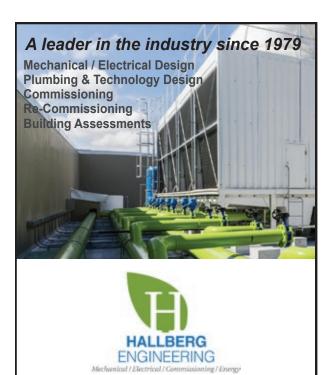
(7)

420 Gateway Boulevard Burnsville, MN 55337 Phone: (952) 707-8200 Website: http://www.kainsurance.com Email: jwangensteen@kainsurance.com PRINCIPALS: Brian Kampf, Johnna Wangensteen FIELDS OF PRACTICE: Insurance & Risk Management ACTIVITIES: Full service independent insurance agency, specializing in providing insurance and risk management to the design community.

Kubes Law Office, PLLC

275 Market Street, Suite 566 Minneapolis, MN 55405 Phone: (612) 333-3262 Website: http://www.kubeslaw.com Email: kristine@kubeslaw.com PRINCIPALS: Kristine A. Kubes FIELDS OF PRACTICE: Law

ACTIVITIES: Kristine A. Kubes is the principal of the Kubes Law Office, PLLC, serving design and construction professionals. Kristine helps clients strengthen their businesses. Services include defending clients against professional liability and general liability claims; contracts; addressing project management, risk management, and payment issues; mechanic's liens, and entity set-up. Integrated with her construction practice, Kristine is a gualified neutral who mediates construction disputes during and after the project. Kristine served as a public member and past Chair of the MN Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscientists & Interior Design.



White Bear Lake 651.748.1100 Duluth 218.729.9202 www.hallbergengineering.com A Minority Business Enterprise

(2) Larkin Hoffman Attorneys

(110)

8300 Norman Center Drive, Suite 1000 Minneapolis, MN 55437 Phone: (952) 835-3800 Website: http://www.larkinhoffman.com Email: dhammargren@larkinhoffman.com PRINCIPALS: Dave Hammargren FIELDS OF PRACTICE: Legal Services ACTIVITIES: The Larkin Hoffman Construction Law practice group assists clients in every aspect of the construction process, including competitive bidding; contract negotiation and drafting; construction and design defects; and payment disputes.

Meagher & Geer, PLLP (5) 33 S. 6th St., Suite 4400

Minneapolis, MN 55402 Phone: (612) 338-0661 Website: http://www.meagher.com Email: mbloomquist@meagher.com PRINCIPALS: Mark A. Bloomguist FIELDS OF PRACTICE: Law

ACTIVITIES: Meagher and Geer is a full service law firm engaged in numerous practices including representation of design professionals. Service to design professionals includes: professional liability claim defense; prosecuting claims for collection, infringement and reach of contract; representation in bid protests and disputes; business and corporate matters; professional registration issues, including disciplinary actions before registration boards; contract drafting and negotiation with domestic corporations and sovereign Indian nations; environmental clean up consultation; preparing employee benefit plans; employment law consultation and litigation.

Redpath and Company

(150)

55 Fifth Street East Suite 1400 St. Paul, Minnesota 55101 Phone: (651) 426-7000 Website: http://www.redpathcpas.com Email: jnewby@redpathcpas.com

4810 White Bear Parkway White Bear Lake, Minnesota 55110 Phone: (651) 426-7000

PRINCIPALS: Joel Newby, CPA FIELDS OF PRACTICE: Certified Public Accounting

ACTIVITIES: Redpath and Company is 100% employee-owned (ESOP) and a leading accounting firm providing proactive, innovative, and value driven CPA services for closely held businesses, government, and not-for-profit entities. The firm started operations in 1971. Redpath and Company provides audit, tax, benefits and compensation administration, international consulting, mergers & acquisitions, succession and estate planning, entity structuring, and valuation services. We help closely held businesses make better decisions that create value and contribute to their financial well-being. Beyond our core tax, audit and accounting services, Redpath and Company also performs Federal Acquisition Regulation (FAR) overhead audits, or assists A&E firms in developing their overhead rate and complying with the FAR principles. With headquarters in downtown St. Paul, Minnesota, a second office in White Bear Lake, MN, and over 150 employees, the firm ranks as one of the top CPA firms in the Twin Cities area.

Ruehl + Associates

5630 Marsh Pointe Excelsior, MN 55331 Phone: (612) 889-2851 Email: nruehl@mchsi.com **PRINCIPALS:** Nick Ruehl

FIELDS OF PRACTICE: Leadership Development and Coaching

Company Strategic Planning

Innovation and New Service Development

ACTIVITIES: Strategic Planning, Business Development, Leader Development, Team Building, and Communications.

Smith Schafer & Associates, Ltd. (96) (formerly BPK&Z)

7500 Olson Memorial Hwy, Suite 350 Minneapolis, MN 55427 Phone: (952) 920-1455 Website: http://www.smithschafer.com Email: j.edson@smithschafer.com **PRINCIPALS:** John Edson

FIELDS OF PRACTICE: Certified public accountants and consultants

ACTIVITIES: Audits, reviews and compilations of financial statements; tax planning and tax return preparation; estate planning; succession planning and management consulting; merger and acquisition advisory; business valuations; ESOP consulting; shareholder liquidity transitions; litigation support; and personal financial planning and investment management.

The Excelsior Group

1660 Highway 100 South, Suite 400 St. Louis Park, Minnesota 55416 Phone: (952) 525-3334 Website: http://www.excelsiorllc.com Email: dan.lofgren@excelsiorllc.com **PRINCIPALS:** Kim Culp, Chris Culp, Ted Glasrud, Jim Hetland

FIELDS OF PRACTICE: Real Estate Advisory, Residential Land Development, Homebuilder Lending, Commercial Management, Acquisition & Development ACTIVITIES: Represents occupiers of space with the real estate needs. Services include strategic planning, lease administration, lease renewal/relocation and sales.

Transwestern

(1)

706 2nd Avenue South, Suite 100 Minneapolis, MN 55402 Phone: (612) 359-1661 Website: http://www.transwestern.com Email: will.mcdonald@transwestern.com **PRINCIPALS:** Will McDonald **FIELDS OF PRACTICE:** Tenant lease advisory, administration, and representation **ACTIVITIES:** Transwestern works exclusively with tenants and other occupiers of space, taking the time to understand their business to provide real estate solutions that improve operational and financial performance.

> Barr integrates engineering and environmental consulting services for clients across the Midwest, throughout the Americas, and around the world. Together, our engineers, scientists, and technical support specialists help clients develop, manage, process, and restore natural resources.

Barr Engineering Co. 800.632.2277 www.barr.com Minnesota | Michigan | Missouri | North Dakota Alberta | Utah | Colorado

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US CAD

7200 Metro Blvd. Edina, MN 55439 Phone: (952) 564-3432 Website: http://www.uscad.com Email: joe.cates@uscad.com

18831 Bardeen Ave, #200 Irvine, CA 92612 Phone: (877) 648-7223

PRINCIPALS: Danny Counts **FIELDS OF PRACTICE:** AEC technology and consulting **ACTIVITIES:** Software and consulting services, staff augmentation, scanning services, training, project management.

Willis Towers Watson

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Middleton, WI	(763) 843-0420 (608) 273-6380
	(000) 213-0380

NAME	FIRM	CITY	PHONE
Chiglo, Jon, PE	WSB	Minneapolis	(763) 541-4800
Christiansen, Jeff	WSB	Minneapolis	(763) 541-4800
Clark, Jeff	Michaud Cooley Erickson	Minneapolis	(612) 339-4941
Clauson, Richard A., PE	Widseth Smith Nolting & Assocs., Inc.	Crookston	(218) 281-6522
Connell, Douglas E.	Barr Engineering Company	Edina	(952) 832-2600
Conner, Chad	Widseth Smith Nolting & Assocs., Inc.	Baxter	(218) 829-5117
Contreras, Ivan	Barr Engineering Company	Edina	(952) 832-2600
Cookas, Mitchell, LS	Kimley-Horn	St. Paul	(651) 645-4197
Cooley, Douglas C., PE	Michaud Cooley Erickson	Minneapolis	(612) 339-4941
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Costello, John Thomas., PE, LEED AP BD+C	IMEG	Minneapolis	(612) 540-5011
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Dahl PhD, Peter	HGA	Minneapolis	(612) 758-4000
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Danielson, Paul B., PE	Kimley-Horn	St. Paul	(651) 645-4197
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Dawley, Morgan, PE	WSB	Minneapolis	(763) 541-4800
DeCourt, Frederic A., PE	Nelson - Rudie & Associates	New Hope	(763) 367-7600
Delmore, Sean	WSB	Minneapolis	(763) 541-4800
Demers, Don, PE	SRF Consulting Group, Inc.	Minneapolis	(763) 475-0010
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Dharmarajah, Herman E., PhD., PE, BCEE	Bolton & Menk, Inc.	Mankato	(507) 625-4171
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Partners & Principals

NAME

Eckman, Shane, PE Ekola, Tracy, PE Elabbady, Mona Ellis, Robert L. Emery, Steven, PE Emmons, Brett H., PE, LEED AP, BD+C Erichson, Mark, PE Erickson, Paul Erickson, Larry, PE Erickson, Terri, PE Esping, Donovan G., PE Evans, Earth, PE Fandrey, Alan J., PE Farmer, Bret M., PE Farguhar, Keith, PE Fasking, Todd M. Faucher, Jon, PE Feigum, Cheryl V. Fell, Douglas L., PE Fenimore, Jeff, AIA Fetter, Daniel Fettinger, Paul, PE Filipiak, David, PE Finnesgaard, Dale W., PE Firkins, Bruce D., PE, RLS Fischer, Brian, CFM Fischer, Michael A., AIA, LEED AP Flaten, Steven J., AIA Forsmark, William J., PE Frankenfeld, Kelly Froemming, Scott, PE Fults, Matthew W., PE Gale, Stephan M., PE Gale, Suzanne S. Gardiner, Alfred, PE Garnass, Leif, PE, PTOE Gastoni, Vince T., PE Gebhard, Allan M., PE Gebhard, Jeff A., PE Gentilini, Stephen J., PE, LEED AP, BD+C Gersema, Jim Gerster, Tom, AIA Giese, Joni L. Gille, John Paul, PE Gjerde, Brian, PE Glaser, Paul, PE

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Goetz, Shawn L., PE, SE Goff, Kevin, PE Gothard, Mark W., PE Grabowski, Joseph J. Granquist, Lee A., PE Green, Ken, PE Green, Robert, PE, PTOE Greenlee, Greg T., PE Gretebeck, Mark Grieshaber, Kenneth, ALSA Grosser, Aaron T., PE Grube, Todd, PE, LEED AP Gunderson, Richard L., PE Gunsch, Michael H., PE Haag, Ken Hagen, Roger C., PE, RLS Hagley, Mark Hahm, Minal Hakkola, Terrence A., PE Haldorson, Gene R. Hallan, Mark V., PE Hansen, Tor Hansen, Matthew, PE Hanson, John Hanson, Keith E. Hantzsch, Gil, PE Hardegger, Richard Harrington, Christopher, PE Harris, Rachel A., PE Harris, Jeff, PE Harris, Kate Harrison, Leigh, PE Haslach, Paul D., PE, LEED Havlik, Beth T., PE Hedblom, Eric Heinle, DJ, AIA Helder, Pete Heldt. Dan A., PE Hellman, Thad Helvey, Kenneth Herbert, James P., PE Heuer, Michael M., PE Hibbs, Mark W., PE Hickey, William D., AIA Hickey, Thomas J., PE Hiniker, Al

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NAME

Hlebichuk, Dana Hoefs, Edward Hoehn, Jason, PE Hoffman, Jerod, PE Holder, William H., PE, VP Hollenkamp, Greg, AIA, LEED AP Holm, Kevin C., AIA, LEED AP BD+C Holman, Bill, PE Holte, Ken, PE Holte, Daniel R., PG Holten, Dave, PE, SE Hopeman, Ryan C., PE Horkey, Donald R., PE, LEED AP Horn, Shawn, PE Horn, Jim Horn, Jon B., PE Horns, Kenneth W., PE Horton, John L. Houle, Timothy, PE Howe, Steve, PE Hruska. Tim Hubbard, Charles D., PE Huber, Ray A., PE Hughes, Karma G. Hungness, Derek, PE Hunzinger, Michael E., PE Igl, Nicolas, PE, LEED AP, BD+C Isabel, Robert S., PE Isernhagen, Curt, PE Jacobs, Charles F., PE Jacobson, Mark Jacobson, Keith W., PE, LEED AP Jaeger, Douglas Jagunich, James B. Jandro, Gregg R., PE, PG Jansen, Bernard A. Janssen, Robert J., PE Jendro, Eric, PE Jensen, Matt, PE, LEED AP, BD+C Jochum, Craig J., PE John, Kathleen C. Johnson, Matthew B. Johnson, Michael W., PE Johnson, Brian J., PE Johnson, Dean A., AIA

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Edina	(952) 832-2600
Minneapolis	(763) 591-5400
Albert Lea	(507) 373-4876
St. Paul	(651) 292-4400

NAME

Johnson, Greg Johnson, Brian, PE Johnson, Ann M. Johnson, Derek, PE Johnson Dent, Nancy, PE Jones, Kent, PE Jones, Erik S., PE Jones, Christene A. Jordheim, Christopher Julius, Michelle Jullie, Kevin, PE Junkerman, Ann Jurewicz, Joeseph, PE Kaeding, Paul F. Kalahar, Mark Kalmes, Art, PE Kangas, Paul Kasma, Mark D., PE Kehl, Chris Keil, Gregory D., PE Kennedy, Jay, PE Kern, Joseph, PE Kieffer, Janna M. Killeen, John M., PE, LEED AP Kim, Andy Kim, Dennis, PE, PhD Kinder, Teresa L. Kindermann, Kurt Klasen, Kyle, PLS Klein, Steven M., PE Kokkinen, Duane Kopchynski, Chris, PE Korzilius, Joe, PE Krahn, Stuart, RLA, LEED AP Kremer, Leonard J., PE Krogsgaard, Robert W., CFO Krugerud, Rebecca, PE Kruse, Gregg Kuhn, Jeffrey L., PE LaBissoniere, Tim, PE LaMere, Ronald J., PE Langseth, James R., PE Larson, Daniel J., PE, CEO Larson, Harry F., PE Le Doux, Jeff R., PE

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Partners & Principals

NAME

Lee, John T., PE Lee, Jeffrey T. LeMon, Brian K. Lenway, Timothy LeRoux, Leslee A. Leseman. DeAnna Leuthold, Kurt Leverett, Christopher, PE Lewis, Charles J., PE Lind, Thomas C., PE, LEED AP Lindaman, Brad Linehan, Hollis Lipovetz, Jeffrey Lovelace, Barritt, PE Lubben, Doug, PE Lucio, Rick, PE Macaulay, Michael N., PE Macdonald, David, PE Mackiewicz, John Mann, Lee, PE Manning, James D., PE, LEED Marshik, Steven E. Martens, Paul Marti, Mike, PE Martin, Chad R., PE Martin, Kevin, PE Martinez-Ortiz, Ismael, PE Martinson, Jody Mattison, Thomas Maurer, Ben Maus, Josh May, Darin, PE, LEED AP, BD+C, FPE McGarvey, Mike, ALSA McKinney, Nathan McLaughlin, Jeremy L., PE Mead, Corey M. Megel, James, CPA Menden, Steve Mendez Lora, Beatriz A., PE Menk, Harry D., PE Messner, Justin, PE Meyer, Lee A., LEED AP Meyer, Curt, PE Meyer, Grant, PE Mielke, Andrew

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Mielke, Mark, PE, LEED AP Milkert, Craig, PE Miller, Erik W., PE Miller, Peter Miller. Brian Minge, Erik D. Moffatt, Andrea, PWS Montebello, David, PE Mooney, John D. Moore, Robert Morast, John W., PE Morris, Paul Morris, Ty L. Muehlbach, Peter, PE Mullinix, William J. Murphy, Daniel E., PE Myer, Steven Nagle, Steven P., PE Nelson, Carl A. Nelson, David, PE Nelson, Brent Nelson, Charles R. Newman, Lance E., PE Ng, Lewis Y., PE Nielson, Michael J., PE Nordick, Jaocb, PE Nordstrom, John K. Oakley, Bryan Obermeyer, Robert C., PE O'Brien, Bridget Ohlhues, Greg, PMP Olheiser, David A., PE Olivier, Cecilio, PE Olmstead, Dennis, RLS Olson, Randy M., PE, LEED AP, BD+C Olson, Steve, PhD, PE Oswell, Craig, PE Ott. David E. Page, Allan, PE Palanisami, P., PE Parkos, Blayne J., PE Pashina, Keith A., PE Paulson, Dan, PE Pearce, Joseph M., PE Pederson, Jason, PE

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Pengal, Frank M. Penkava, Steven J., PE Petermann, Jason, PE Pevzner, Boris A., PE Phillips, Derek, PE Piehl, Jeffrey A., PE Pierce, Rhonda, PE Pint, Christine D. Plansky, Vincent J., PE Platz, Andy, PE Polum, Todd, PE, PTOE Postler, Dennis M., PE Powers, J. Kevin, PG Quist, John E., PE Rabbitts, Tim Radue, Thomas J., PE Ramerth, Michael J., PE Ramerth, Tim Ranade, Rahul, PE, CFM Rasch, Clifton G., PE Rasmussen, David Rathke, John Rauch, Andrew M., PE Reed, Scott, PG Reider, Deborah, PE, LEED AP Reigstad, Gordon H., PhD, PE, SE Retterath, Michael, PE Rettner, David L., PE, Pres. Reuter, Gregory, PE, PG Rian, David Richard, Don E. Richard, Ellen Rickart, Chuck Rief, Michael, PE Rivard, Steve, PE Roerish, Eric, PE Rohkohl, Jay, PE, LEED AP, BD+C Rohr. Kent. PE Ross, Brian A., PG Ruble, Matthew P., PE Runke, Henry M., PhD Russell, Timothy M. Sahebjam, Khani, PE Salo, Adam, PE Samba, Sirish, PE

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(952) 448-8838

(952) 595-9116

(320) 762-8149

(763) 559-9100

(701) 355-8400

(507) 451-4598

(952) 446-7898

(218) 739-5545

(763) 898-4185

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(608) 273-6380

(712) 732-7745

(218) 262-8600

(763) 591-5400

(763) 424-5505

(952) 656-6003

(952) 832-2600

(701) 237-5065

(952) 831-4646

(952) 832-2600

(952) 832-2600

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(612) 677-1284

(952) 832-2600

(952) 707-8264

(763) 545-9196

(701) 237-5065

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(952) 995-2000

(612) 465-7550

(612) 339-4941

(651) 292-4400

(763) 591-5400

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NAME

Sumption, Alison, PE Surprenant, Chad, PE Swanson, Ward D. Swartz, Sean N., PE Swehla, Kevin, PE Swenson, Paul Szwed, Brion, PE Tabrizi, Hoss Talafous, Steve, PE Taylor, Chandler F. Taylor, Paul Thielman, C. Gregg, PE, CFM Thomas, Matt. PE, SE Thompson, Steven J., LS Thompson, Christopher F., PE Thoreen, Tim, PMP Toghramadjian, Katie, PE Trboyevich, Christopher, PE Trende, Greg, PE Trinkle, Joel Troe, Bill Turner, Michael, PE Twaroski, Cliff Umfleet, Daniel E., PE Underwood, Chad, PE, PG Vacek, Aaron, PE Van Abel, Josh Vander Heiden, Scott A., PE VanderTop, Vincent VanHout, Lawrence, PE Vaughn, Craig, PE Venema, Thomas P., PE, VP Vespa, Joseph Wagner, Ron J., PE Wagner, Thomas P. Walker Stinson, Shirley M., PE Watz, Patrick J., PE Webert, Michael A., PE Weigel, Donald, PE Weiss, Bret, PE Welch, Aric, PE Wenzel, Lowell, PE Wernberg, Kevin B., PE Westbrock, Jason Westemeier, Michael A., PE, LEED AP Wicklund, Clark, PE

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Wiegert, Christine A.	HDR
Wiles, Timothy T., PE	Braun Ir
Williams, David T., PE, FPE, LEED AP O+M	LHB
Wilson, Steve, PE	SRF Co
Woehrle, Michael D., PE	Nelson
Wold, Kevin, SPHR	WSB
Wolfgram, David, PE	Terracor
Wolsfeld, Steve L., PE	CDM Sr
Wolsfeld, Richard, PE	AECOM
Workman, Lyall	Barr Eng
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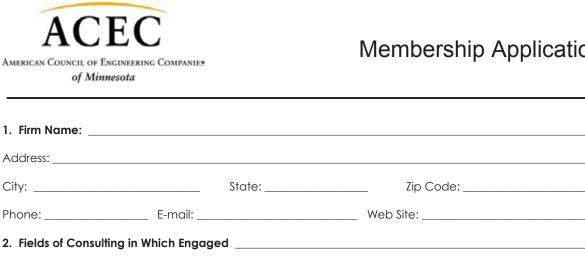
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Other (Please Specify

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_Total number of personnel in Minnesota

_Total number of personnel in Minnesota involved in providing consulting engineering services (include all support personnel)

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7. References Preferably names and addresses of principals, officers, associates or individual engineers registered in the State of Minnesota and a member of ACEC/MN

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Sianature

Title

Date

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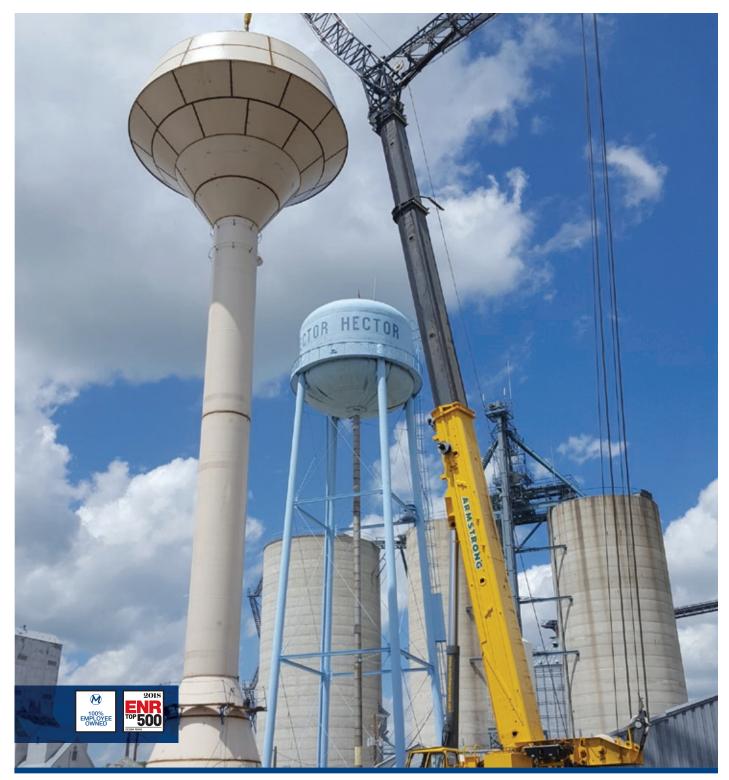


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