

ASCE's mission is to provide essential value to our members, their careers, our partners and the public by developing leadership, advancing technology, advocating lifelong learning and promoting the profession.

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Hello Duluth Section Membership,

After taking the months of June and July off, the board met in August to shake the cobwebs off of our May meeting minutes and to do lists. We all had to scour our emails and notes to figure out where we left off and get ready for another successful ASCE meeting/luncheon schedule.

First and foremost, I am happy to announce that we have a volunteer to join the board. And with that I will present the proposed board positions for the 2019-2020 season.

#### Rotational Board Positions

President – Andrew Kilpo  
 President Elect – Rose Henkel  
 Vice President – Brett Ballavance  
 Treasurer – Andrew Barnebey  
 Secretary – Braden Korwin  
 Past President – Joe Butler

#### Board Chairs

Younger Member Chair – Peter Demshar  
 Membership Chair – Tom Donofrio  
 Government Relations Chair – Craig Bursch  
 Toothpick Bridge Chair – Chris Morris  
 Webmaster – Lisa Karlgaard

The new name on the list is Braden Korwin, PE. Braden is new to Duluth as of last spring, moving here from Fargo where he worked for Moore Engineering and graduated from NDSU in 2014. Braden spent part of 2015 in Haiti where he worked with Engineering Missionaries International. Braden came to our March board meeting, where he expressed an interest in being part of the Duluth Section Board.

To date, we have not had other interest in the Secretary position. Please contact me if there is interest as the position can be put to a vote.

I would like to take a minute to acknowledge and thank our Board Chairs, these people continue their service to ASCE year after year with little thanks. We appreciate all of your efforts! That said, a couple of our chairs would welcome the opportunity to let another member take the lead. Please talk to a board member if you are interested in taking a chair position.

When we vote at this month's luncheon, we will welcome Andrew Kilpo to the position of President. With the board vacancies that we dealt with in the last few years, Andrew has worn many hats and has been responsible for more than his fair share. I am confident he will lead a successful season.

Lastly, I want to thank the membership for entrusting me with leading the ASCE Duluth Section this past year. To recap the path we have journeyed this year; when we entered the 2018-2019 season we had 2 board vacancies. I am proud to say that we now have a complete and excited team in place. In addition, I am also proud to announce that we have laid the groundwork for a mentoring program that will target Civil Engineer students. And finally, to tap the combined knowledge that exists within this great membership, we held a past presidents meeting in January, a practice that I hope to see continue.

Again, thank you for your support this year and your continued involvement in the section.

Joe Butler  
 Duluth Section President

**Interested in submitting an article for the ASCE newsletter or becoming a Board Member?**

Contact Rose Henkel (newsletter editor) for information at 218.249.1558 or [rhenkel@sehinc.com](mailto:rhenkel@sehinc.com).  
 Thanks.

## BOARD OF DIRECTORS

2018-2019

### President

Joseph Butler, PE  
Braun Intertec  
(218) 624-4967  
jbutler@braunintertec.com

### President-Elect

Andrew Kilpo, PE  
Minnesota Power  
(218) 355-2437  
akilpo@mnpower.com

### Vice President

Rose Henkel, PE  
Short Elliott Hendrickson, Inc.  
(218) 249-1558  
rhenkel@sehinc.com

### Treasurer

Brett Ballavance, PE  
Wenk Associates  
(218) 393-4085  
bballavance@wenck.com

### Secretary

Andrew Barnebey, PE  
MSA Professional Services, Inc.  
(218) 499-3174  
abarnebey@msa-ps.com

### Past President

Tom DesMarais, PE  
Northland Consulting Engineers  
(218) 727-5995  
tomd@nce-duluth.com

## BOARD CHAIRS

2018-2019

### Younger Member Chair

Peter Demshar, PE  
Barr Engineering  
(218) 788-6309  
pdemshar@barr.com

### Membership Chair

Tom Donofrio, PE  
Minnesota Power  
(218) 355-3313  
tdonofrio@mnpower.com

### Government Relations Chair

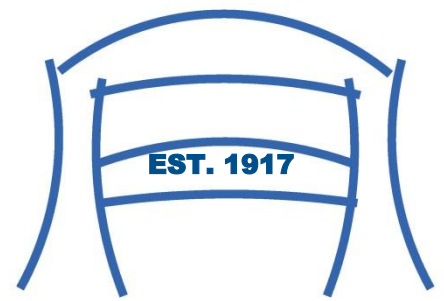
Craig Bursch, PE  
TKDA  
(218) 491-7365  
craig.bursch@tkda.com

### Toothpick Bridge Chair

Chris Morris  
Minnesota DOT  
(218) 725-2734  
christopher.morris@state.mn.us

### Web Updates

Lisa Karlgaard, PE  
LHB, Inc.  
(218) 279-2486  
Lisa.Karlgaard@lhbcorp.com



Please join us for  
a Unique Presentation  
September 24, 2019 at 12:00 pm  
Radisson Hotel



**“DECC Seawall Project and William A. Irvin Relocation”**  
Chase Dewhirst, PE  
Marine Civil Engineering Manager  
AMI Consulting Engineers, PA

Please RSVP by responding directly to the electronic invitation you will receive via e-mail.

**Professional rate is \$20. Student rate is \$10.**

Costs will be collected at the door or in advance.

ASCE Duluth Section will issue a PDH certificate to members in good standing. It is the responsibility of the individual to determine whether or not the presentation is applicable to his/her career.

## Membership and Board Meetings for 2019-2020

### Membership Meetings

September 24, 2019  
October 15, 2019  
November 12, 2019  
December 17, 2019  
January 21, 2020  
February 18, 2020  
March 17, 2020  
April 21, 2020 (Awards Dinner)  
May 19, 2020

### Board Meetings

September 25, 2019  
October 23, 2019  
November 20, 2019  
December 18, 2019  
January 22, 2020  
February 26, 2020  
March 25, 2020  
April 22, 2020  
May 27, 2020



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## **ASCE Duluth Section Board Meeting Minutes**

**Meeting Date:** May 22, 2019  
**Attendees:** Joe Butler, President  
Rose Henkel, Vice President  
Andrew Kilpo, President Elect  
Tom DesMarais, Past President  
Brett Ballavance, Treasurer  
Andrew Barnebey, Secretary  
Pete Demshar, Younger Member Group Chair

### **Call to Order:**

The meeting was called to order at 4:35 pm. A quorum was present.

### **Approval of April Meeting Minutes:**

A motion was made by Andrew Kilpo and seconded by Andrew Barnebey to approve April meeting minutes. Minutes were approved unanimously.

### **UMD Student Update:**

The UMD group has requested to use the Duluth Section logo for some of their activities. Joe Butler has provided the UMD group with the logo for their use. Use of the Duluth Section logo by the UMD group was discussed and it was unanimously agreed that this is appropriate and not a problem.

It was mentioned that the UMD Board will transition members in Dec 2019/ January 2020.

Student road cleanup sponsorship is coming up shortly. This was briefly discussed.

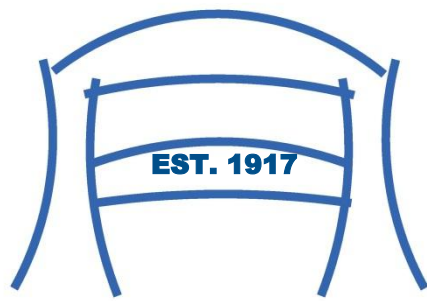
### **Younger Member Group:**

Recent events have included or will include a Superior Street reconstruction project tour, and the Thomson Hydro facility tour.

There is a plan to have a back to school event in September which will mimic the ASCE Duluth Chapter Past Presidents events and invite Past Presidents of the Younger Member group to attend and give input.

There has been some thought on doing a larger field trip, such as to the Iron Range to tour a mine.

There will be a 2020 Ethics presentation. It was agreed that we should get the word out early for this event. Tom DesMarais will help to organize this event.



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### **ASCE Duluth Section Board Meeting Minutes - continued**

There is now a Younger Member Matrix in place.

Rose is looking at setting up a LinkedIn account for the Younger Member Group.

PDH's were discussed. Generally each tour is 1 PDH, and it is up to members to decide if these PDH's are relevant and appropriate for their continuing education requirements.

Rose Henkel has expressed a preference for being the "Outreach Chair" as opposed to the Social Media Chair. It was agreed by the Younger Member Group that this will be accommodated by amending the by-law, and a new position will be created for Rose, and a new Social Media Chair will be found.

Ed Welch has accepted the position of Younger Member Chair for the next term.

### **Treasurer's Report**

Account balances as of May 22, 2019 are:

1. Business Checking - \$6,233.43
2. Business Market Rate Savings - \$6,976.61

The transfer of funds from the Duluth Section account into the Younger Member account still needs to be made. It was agreed that Andrew Kilpo will let Brett know the amount to transfer and Brett will make this transfer.

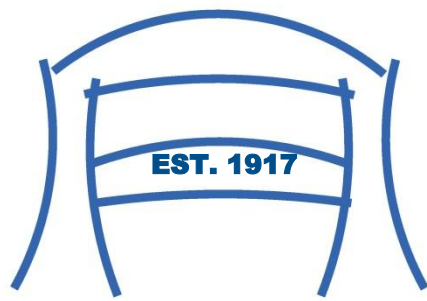
It was noted that the Depot bill has now been paid.

### **2018 – 2019 Speakers:**

August Luncheon Meeting                      There will be no August Luncheon  
September Luncheon Meeting      Possibility of Superior Street updates to be presented by LHB and Northland Constructors was discussed. Andrew Kilpo mentioned that he also has some leads for speakers next year.

### **Newsletter Update:**

Submissions due by August 30<sup>th</sup> for September newsletter.



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## **ASCE Duluth Section Board Meeting Minutes - continued**

### **Membership Update:**

Tom Donofrio has mentioned that changes to the membership list do not seem to be updating. Pete has some contacts that may be able to help with this and will work with Tom to get this straightened out.

### **Ongoing Business:**

1. Radisson contract – No contract yet. However, it appears that we have confirmed the rates we are being charged. The lack of a contract was discussed. It was agreed that we are being charged fairly by Radisson and that we should maintain the status quo, and monitor the luncheon costs.
2. Mentoring – Joe Butler will send out an e-mail on mentoring to the membership. It was mentioned that the mentoring may not be appealing to membership since it is not affiliated with ASCE.
3. Past President Gift – Brett Ballavance and Tom Demarais will work together to award Tom his gift as discussed previously.

### **Matrix:**

The Matrix was reviewed and it was agreed that we are on track.

### **New Business:**

1. Region Assembly – (July 19-20, Green Bay)

No interest has been expressed in attending other than Rose Henkel, who said she may be able to attend.

2. New Board Member

Need for a new board member to fill the Secretary position was discussed. It was agreed we would reach out to Brady Korwin (who attended a previous board meeting and expressed some interest) and that board members would provide two names of possible candidates for the board.

3. Board Member Position Hand Off

This will be done officially at the September meeting. Preparations will begin at the August Board meeting.

4. ASCE Mentoring Program

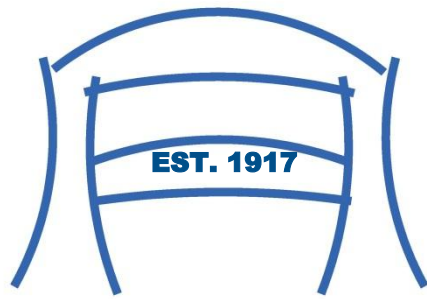
This was discussed and it was agreed that an ASCE sponsored mentoring program should be explored. Rose Henkel will investigate this over the summer and this issue will be revisited in future meetings.

### **Next Board Meetings:**

4:30 Wednesday, August 21<sup>st</sup>, 2019 - Bent Paddle

### **Meeting adjourned:**

Motion was made by Andrew Barnebey and seconded by Andrew Kilpo to adjourn the meeting. The motion was passed unanimously.



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## **ASCE Duluth Section Board Meeting Minutes**

**Meeting Date:** August 21, 2019

**Attendees:** Joe Butler, President  
Rose Henkel, Vice President  
Andrew Kilpo, President Elect  
Tom DesMarais, Past President  
Andrew Barnebey, Secretary  
Pete Demshar, Younger Member Group Chair  
Tom Donofrio, Membership Chair

### **Call to Order:**

The meeting was called to order at 4:35 pm. A quorum was present.

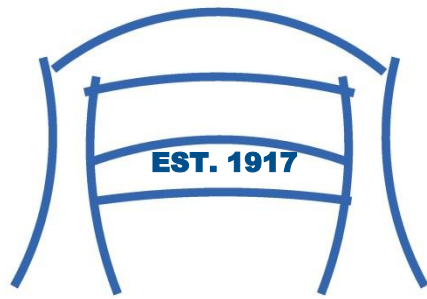
### **Approval of May Meeting Minutes:**

A motion was made by Andrew Kilpo and seconded by Rose Henkel to approve May meeting minutes. Minutes were approved unanimously.

### **2019/2020 Meeting Calendar**

Proposed and tentative meeting dates for 2019/2020 are as follows:

|       | <u>Luncheons</u>                 | <u>Board Meetings</u> |
|-------|----------------------------------|-----------------------|
| Sept. | 24 <sup>th</sup>                 | 25 <sup>th</sup>      |
| Oct.  | 15 <sup>th</sup>                 | 23 <sup>rd</sup>      |
| Nov.  | 12 <sup>th</sup>                 | 20 <sup>th</sup>      |
| Dec.  | 17 <sup>th</sup>                 | 18 <sup>th</sup>      |
| Jan.  | 21 <sup>st</sup>                 | 22 <sup>nd</sup>      |
| Feb.  | 18 <sup>th</sup>                 | 26 <sup>th</sup>      |
| Mar.  | 17 <sup>th</sup>                 | 25 <sup>th</sup>      |
| Apr.  | 21 <sup>st</sup> (Awards Dinner) | 22 <sup>nd</sup>      |
| May   | 19 <sup>th</sup>                 | 27 <sup>th</sup>      |



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## **ASCE Duluth Section Board Meeting Minutes - continued.**

### **UMD Student Update:**

There was no student update.

### **Younger Member Group:**

There are plans for a UMD welcoming event in the fall. Nothing definite has been worked out yet.

It was noted that UMD board elections are in December, so there will be no board transition as the school year starts.

Tom DesMarais will reach out to the student chapter board to help to get things going for the fall.

Also, there will be discussions with the UMD board on when would be best to have an on campus luncheon meeting.

Younger Member Group budget to be provided to Duluth Section Board at September board meeting.

A tour of Superior Street reconstruction hosted by LHB is scheduled for Sept. 9<sup>th</sup>.

There are plans to have a past presidents event for the younger member group.

A Hibbing mine tour may be set up for later in the year.

A spring 2020 ethics presentation will be organized by Tom DesMarais.

### **Treasurer's Report**

Account balances as of August 22, 2019 are:

1. Business Checking - \$3,633.20
2. Business Market Rate Savings - \$6,977.13

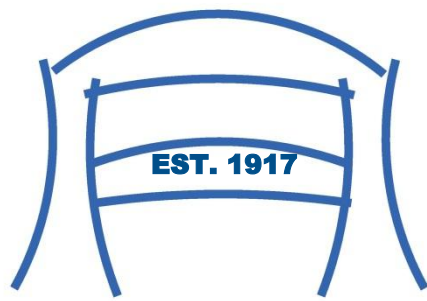
### **2019 – 2020 Speakers:**

September Luncheon Meeting There are a few ideas for this, including getting someone to speak about the Irvin move to dry dock in Superior.

Future presentation could include MN DOT, or a mine view presentation.

### **Newsletter Update:**

Submissions due by September 9<sup>th</sup> for September newsletter.



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## **ASCE Duluth Section Board Meeting Minutes - continued.**

### **Membership Update:**

Tom Donofrio has mentioned that updating membership information is easier than it has been in the past. Updated information to be provided for next newsletter.

### **Ongoing Business:**

1. Mentoring – The younger member group has agreed to take this on. A motion was made by Andrew Barnebey and seconded by Tom DesMarais for the board to support the younger member group in their work on the mentoring program. The younger member group will bring a proposal to the Duluth Section Board at the September meeting laying out what they propose to do, and what support they are requesting from the board. The motion passed unanimously.
2. New board member – Rose Henkel to follow up with Brady Korwin to see if he is interested in the Secretary position.
3. Position hand off – board members to set up individual meetings to coordinate hand off of board positions. Joe Butler to confirm that non-rotating positions will continue with same people.

### **Matrix:**

The Matrix was reviewed. Rose Henkel to update higher logic.

### **New Business:**

1. Radisson Schedule

Andrew Kilpo to coordinate proposed luncheon schedule with Radisson.

**Next Board Meetings:** 4:30 Wednesday, September 25<sup>th</sup> , Dubh Linn's Brew Pub

**Meeting adjourned:** Motion was made by Andrew Barnebey and seconded by Tom DesMarais to adjourn the meeting. The motion was passed unanimously.



**BOARD OF DIRECTORS**  
2018-2019

**President**

Joseph Butler, PE  
Braun Intertec  
(218) 624-4967  
jbutler@braunintertec.com

**President-Elect**

Andrew Kilpo, PE  
Minnesota Power  
(218) 355-2437  
akilpo@mnpower.com

**Vice President**

Rose Henkel, PE  
Short Elliott Hendrickson, Inc.  
(218) 249-1558  
rhenkel@sehinc.com

**Treasurer**

Brett Ballavance, PE  
Wenck Associates  
(218) 393-4085  
bballavance@wenck.com

**Secretary**

Andrew Barnebey, PE  
MSA Professional Services, Inc.  
(218) 499-3174  
abarnebey@msa-ps.com

**Past President**

Tom DesMarais, PE  
Northland Consulting Engineers  
(218) 727-5995  
tomd@nce-duluth.com

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2018-2019

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Barr Engineering  
(218) 788-6309  
pdemshar@barr.com

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tdonofrio@mnpower.com

**Government Relations Chair**

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TKDA  
(218) 491-7365  
craig.bursch@tkda.com

**Toothpick Bridge Chair**

Chris Morris  
Minnesota DOT  
(218) 725-2734  
christopher.morris@state.mn.us

**Web Updates**

Lisa Karlgaard, PE  
LHB, Inc.  
(218) 279-2486  
Lisa.Karlgaard@lhbcorp.com



*American Society of Civil Engineer's Mission is to provide essential value to our members, their careers, our partners and the public by developing leadership, advancing technology and advocating lifelong learning and promoting the profession*

We want to thank you for supporting The Duluth Section of the American Society of Civil Engineers in the past. Your sponsorship helps fund several programs that are specific to the Duluth Section. The first being our toothpick bridge competition. This program helps promote civil engineering at a young age, which is vital to the future of our profession. The second program is our annual scholarships to civil engineering and civil engineering technology students. Your sponsorship helps our local ASCE section to promote these valuable activities. That is why it is time again for us to ask you to renew your sponsorship, or consider a new sponsorship for 2019-2020. Our membership is comprised of engineers from a diverse range of companies (engineering, construction and geotechnical, etc.). We are very proud to showcase your company logo on our sponsor page.

With a contribution of \$200, your company's logo will be displayed in each section newsletter from September 2019 through August of 2020. Our newsletter is produced 9 months of the year and reaches all of our 250+ members. Your support also aids the Duluth ASCE Section's efforts to keep the civil engineering community actively involved through technical presentations and networking luncheons, social activities, and student outreach activities.

If you would like to renew your sponsorship or become a sponsor, please send a check payable to **ASCE - Duluth Section** to the section treasurer:

Brett Ballavance, PE  
Wenck Associates  
11 E. Superior Street, Suite 230  
Duluth, MN 55802

New sponsors, email your company logo to the Vice President and newsletter editor, Rose Henkel, PE, at: [rhenkel@sehinc.com](mailto:rhenkel@sehinc.com)

Sincerely,  
The Duluth Section Board of Directors

### **Calling all Mentors!**

Due to the interest expressed by the ASCE Duluth Section, the Younger Member Group decided to start our very own mentoring program where professionals will be matched with UMD students.

This program includes three (3) planned events throughout the school year with the first (mandatory) event Thursday, October 17, 2019 in Duluth where the mentors/mentees would be introduced.

The last event to finish up the year will be in April 2020.

Levels of additional participation and forms of communication are decided by the mentor/mentee.

Participation in the program isn't guaranteed. The Mentor Program Advisory Committee will match mentors and mentees based on criteria included in the application.

We look forward to you applying for this exciting new opportunity for ASCE Duluth Section members!

If you are interested in being a mentor, fill out this form:  
[https://docs.google.com/forms/d/e/1FAIpQLSeDjFQQloL8lVN8XiV9v6lfW7-DFWSJkQxVIBmoYwnCTTQwiQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeDjFQQloL8lVN8XiV9v6lfW7-DFWSJkQxVIBmoYwnCTTQwiQ/viewform?usp=sf_link)

If you are interested in being a mentee (student), fill out this form:  
[https://docs.google.com/forms/d/e/1FAIpQLSdPOMoojdGTS9WPLFRD1kOcgyPY6J2PF0Ud8FOalniU8PU2Wg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdPOMoojdGTS9WPLFRD1kOcgyPY6J2PF0Ud8FOalniU8PU2Wg/viewform?usp=sf_link)

The last day to apply to be in the program is October 1, 2019.

If you have questions or concerns, feel free to reach out to the Mentor Program Advisory Committee at [yng.asce.duluth@gmail.com](mailto:yng.asce.duluth@gmail.com).

# YMG Update

Duluth Section Younger Member Group

September 2019

## *The YMG Rundown*

On Wednesday, September 9<sup>th</sup>, the YMG was fortunate to have Brad Scott with LHB provide a tour of the Superior Street Reconstruct project. The tour started with a presentation about the history of Superior Street and some details on the various and extensive challenges involved with the project.



After the presentation, attendees were able to experience virtual reality models of the project with an HTC Vive and Microsoft HoloLens, two different VR technologies that LHB used in the planning and design phases of the project.



## *Upcoming Events*

• • •

Cribbage Tournament and Happy Hour

Back to School BBQ w/ Student Section

Past YMG Chair Meeting

ACEC Natural Resources Forum

Tour to Hibbing Mine View

(date/time/location for events to follow)

## *Like the YMG FB Page!*

• • •

<https://www.facebook.com/groups/1574852259492720/>

## *Current YMG Board*

• • •

Chair – Pete Demshar

Barr Engineering Co.

[PDemshar@barr.com](mailto:PDemshar@barr.com)

Vice Chair – Ben Helmer

Meyer Borgman Johnson (MBJ)

[bhelmer@mbjeng.com](mailto:bhelmer@mbjeng.com)

Membership Chair – Ed Welch

Minnesota Dept of Transportation

[edward.welch@state.mn.us](mailto:edward.welch@state.mn.us)

Community Relations Chair –

Rose Henkel

Short Elliott Hendrickson (SEH)

[rhenkel@sehinc.com](mailto:rhenkel@sehinc.com)



The tour then proceeded outside despite blustery weather, in order to get up close with the project where we were able to see good portions of the complex utility work being constructed. Thanks again to Brad and the other team members for a great opportunity!

## *New YMG Board Member Spotlight*

Ed Welch, P.E., M. ASCE, Duluth Section YMG Membership Chair

### **Where did you graduate from?**

I received my Bachelor of Science in Civil Engineering from the University of Minnesota Duluth in 2014.

### **Where do you work and what do you do?**

I currently work for the Minnesota Department of Transportation, in the Duluth Headquarters, as the District 1 Soils Engineer. My job entails writing Material Design Recommendation letters which summarize existing conditions and history of a road segment, then specify the details of various pavement and subgrade fixes we should pursue, and which materials we should use for those fixes, for almost all District 1 construction projects.



### **Why did you decide to get involved with ASCE and what would you like to see happen?**

After graduating college I moved away from Duluth for work, but in May of 2018 I had an opportunity to transfer within MnDOT and move back up here, so I jumped at it. Once I was back in Duluth (this time for good!), I wanted to get more involved with the Civil Engineering community outside of work and start giving back. Pete Demshar (Duluth ASCE Section YMG President), reached out at a local event saying that there would be a spot on the YMG board opening up, and I agreed to get involved. I hope that as a part of the YMG board, I can help coordinate and facilitate interesting and encouraging events that help Civil Engineering students cross the bridge from their education into their careers, as well as other young Professionals like myself continue advancing in their budding careers, through networking with Professionals in all of the varying niches in our Civil Engineering community.



Your generosity has opened doors.

June 2019

Ms. Caroline Clement, ASCE Duluth Section  
Western Lake Superior Sanitary District  
2626 Courtland Street  
Duluth, Minnesota 55806-1813

Dear Caroline,

Thank you for the ASCE Duluth Section's gift of \$850 to the UMD Student Engineering Project Fund in the Swenson College of Science and Engineering to support the Concrete Canoe Team.. Your support for the students and programs in Department of Civil Engineering makes a difference.

The ASCE Duluth Section provides invaluable opportunities for burgeoning engineers to apply their knowledge in a practical setting. Everything they have learned in the classroom comes together! We look forward to this year's competition and are grateful for your generosity which will help them cross the finish line!

Thank you again for your generous support.

Sincerely,

David Saftner, Ph.D.  
Department Head  
Civil Engineering

*Our first trip to nationals went great! Thank you very much for your support -*

Pictures from the event can be viewed here:

<https://drive.google.com/drive/folders/1pK44H6FOy3GAAtT3JhLfU8TdByQgcApzf?usp=sharing>

**Thanks to Our 2019-2020 Sponsors!  
(Consider being a sponsor!)**



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