



2022 Spring Conference



Don't Miss the 2022 Spring Conference & Vendor Show | Appleton

May 4-6 | Fox Cities Center & Paper Valley Hotel

<http://wisconsin.apwa.net/EventDetails/27791>

By Eric Dundee, Conference Chair

The APWA Wisconsin Chapter will hold the Spring Conference in Appleton this year on May 4-6. It will be held at the magnificent Fox Cities Exhibition Center in the heart of downtown Appleton and overlooking beautiful Jones Park and the Fox River.

All educational sessions and vendor floor are set and awaiting your

arrival. The general sessions are the APWA Governmental Affairs staff presenting on the Federal Infrastructure Package, the League of Wisconsin Municipalities giving a legislative update, an ethics session on managing the challenges with elected officials and professional staff relationships, and a local session on the Outagamie County

intergovernmental partnership success model. The concurrent educational sessions range from topics in improving public works-related public relations and a military perspective of public works in wartime Iraq. For a list of all of the sessions, make sure to check out the confer-

Think of this as an opportunity for public works frontline staff, new staff..., and students with an interest in public works to explore APWA and its offerings.

ence schedule on the event web page: <http://wisconsin.apwa.net/EventDetails/27791>.

To further enhance the Thursday portion of the conference, the equipment and vendor experience is back. There will be "Expo & Lunch" passes available as a registration option for those wishing to attend or bring addi-

☞ Page 4 (Spring Conference)

President's Comments



By Scott Brandmeier

As I wind down the last quarter of my presidency, I'll leave you with a couple of quotes that

have helped me throughout my career in the private and public sector: "It only costs ten cents more to go first class" and "You can't fix stupid." The first quote is courtesy of my father and maternal grandfather—both blue collar workers throughout their careers. I would help my grandpa at the house with various projects or work side jobs with my dad (retired brick mason) and each of them would grill that quote into my head every chance they got. To be honest, I didn't have a clue what they meant when I was in my early teens and throughout high school and college. Then I entered my professional career and as I was exposed to more projects and clients it hit me—the real point of their comment is that if you are going to do a

☞ Page 6 (President's Comments)

Editor's Note 

By Nancy Cavanaugh

Do Yourself a Favor—Get Out in the Fresh Spring Air

As I write this editorial, it's snowing like crazy outside. It's the last day of March and I thought this would be over by now! But I expect a meltdown later today—just in time for April Fool's Day!

So what is there to look forward to? Sitting around watching the potholes grow?

How About Growing Your Knowledge and Networking


The Wisconsin Chapter has a lot to offer, starting with the Spring Conference May 4-6 (page 1) in Appleton. It's all "live" with opportunities to learn and mingle. In June, the Third Annual Fishing Extravaganza embarks from Port Washington for salmon

fishing (page 6). In July, the 12th Annual Summer Golf Outing & Scholarship Fundraiser will be held at the Glen Erin Golf Course in Janesville (page 3).

Start making your plans to rekindle connections with your colleagues by registering today on the Chapter website.

Do You Notice Something is Missing?

Can you guess what (or who) is missing from this issue?

Since 1987, we always made room for Sidney Cleenstreet, who has appeared without fail. By far, he's our most loyal contributor. With regrets, he's currently on medical leave and unable to participate this time around. 

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ON THE COVER:

Banner images: Left: The First Annual Young Professionals Conference was held in March (page 7). Center: The Spring Conference will be held May 4-6 in Appleton (page 1). Right: The 12th Annual Summer Golf Outing & Scholarship Fundraiser is set for July 13 at the Glen Erin Golf Course in Janesville (page 3).



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In This Issue

Special Features:	
Spring Conference	1
Summer Golf Outing &	3
Scholarship Fundraiser	
Future City Awards	5
Third Annual Fishing.....	6
Extravaganza	
Emerging Leaders Program	8
New Bipartisan Infrastructure	8
Bill for Transportation	
Eight PWMI Certificates Awarded....	9
PWSA/PWMI.....	11
Waukesha County News.....	13
Case Study: Precast Box	
Culverts	
National Public Works Week.....	15
Committee Reports:	
First Young Professionals.....	7
National Summit	
Calendar.....	Back Page



Register Now for the 12th Annual Summer Golf Outing & Scholarship Fundraiser

Wednesday-July 13, 9:00 a.m. | Shotgun Start
Glen Erin Golf Course, Janesville, Wis.

<http://wisconsin.apwa.net/EventDetails/28471>

By Aaron Jahnke, Village Engineer, Village of Waunakee

The 12th Annual Wisconsin Chapter Summer Golf Outing and Scholarship Fundraiser is all set! This year's event will include two options for a day of summer fun on Wednesday, July 13. The "standard" event will be golfing at the Glen Erin Golf Course located in Janesville, Wis. Sign up before July 1, 2022 for an early-bird discount. Early registration for golf is \$80 and includes 18 holes of golf with a cart, lunch, giveaways, and inclusion in the prize drawings.

The "alternate" event, for those who don't golf, is a paddle event on the Rock River. Participants are encouraged to provide their own boats and gear. Cost is \$15 for the event, going directly to the fundraiser. You can register on the Chapter website or via the link below. Please contact **Rick Eilertson** at rick.eilertson@aecom.com if you are planning to attend the event so he can coordinate the group.

Online Registration is now active at: <http://wisconsin.apwa.net/EventDetails/28471>.

If you can't attend this year summer outing, there is a registration option to donate to the scholarship fund. Using the link above, Click "Register Now" at the top of the screen, and select "Myself." From this screen you can select Scholarship Donation. It is set up as a \$5 item, but you can increase the quantity if you wish to donate more. For example, you would enter a quantity of "5" to donate \$25.

As a fundraiser, all money raised through event registration, sponsorships, and donations go directly to the Wisconsin Chapter scholarship fund. The event committee would like to thank the sponsors (listed on the event webpage) who have already committed to this great event and we welcome anyone else who wants to sponsor this year's outing!

If you have any questions about the registration or sponsorships, please contact **Aaron Jahncke** at ajahncke@waunakee.com.

Spring Conference (Cont.'d from page 1)



The Fox Cities Exhibition Center in Appleton is headquarters for the 2022 Spring Conference.

tional visitors to the expo floor. Think of this as an opportunity for public works frontline staff, new staff at your company, and students with an interest in public works to explore APWA and its offerings.

Enjoy several social events, including a bike ride, golf outing, Get Acquainted Reception (alumni gear themed) and the Young Professional Committee's hosted Axe Throwing event Wednesday evening along with a full-conference online scavenger hunt.

Our hosts have designated World Relief Fox Valley as our benefit organization for this conference. By early May, the Fox Valley will welcome 185 Afghan newcomers into our community. Our fundraiser will benefit the Afghan Refugees' resettlement effort. World Relief Fox Valley has

requested cash, Walmart gift cards, adult and child pain relievers, anti-bacterial cream, bandages and thermometers. There will be several opportunities throughout the conference to support this benefit.

Hotel Rooms have been reserved for attendees. For further information on the conference, registration or reserving a room, contact the conference program planning chair **Eric Dundee** at (608) 709-1867 or ericd@madsewer.org, or simply check out the Wisconsin Chapter APWA website at <http://wisconsin.apwa.net/>

The Wisconsin Chapter goes to great lengths to keep our conferences of a high quality and at an affordable price.

We are looking forward to seeing you all there.✍️

Best Waste Management Award Given at the 2022 Future City Competition

By Jim Hessling, Assistant Director of Public Works, Village of McFarland

And the winner is...

On Saturday, Jan. 15, 2022, 49 teams representing 21 middle schools from around Wisconsin participated in the 2022 Future City Wisconsin Regional Competition. This event, for the second time, was held virtually. There were very few glitches compared to last year's event; all in all, the event went well.

This competition, sponsored by STEM Forward and National Engineers Week, introduces middle school students to engineering while they create a city of the future. The students built a to-scale model of their city using recycled materials and gave a presentation to a panel of STEM professionals.

For special awards like ours, Best Waste Management & Recycling Award, students give us a short presentation on how they handle waste and recycling activities in their city. Many of these

presentations are well thought out and creative.

The winner of this year's Best Waste Management & Recycling Award went to "Power Peaks" of Wheatland Center School District of Burlington, Wis. Congratulations!

Volunteers donate their time as judges throughout the competition to help select the winner and a handful of additional volunteers act as mentors for teams. The volunteer judges for the Best Waste Management Award this year were **Kamron Nash**, **Kami Hessling** and **Jim Hessling**.

The Wisconsin APWA Chapter is proud to again sponsor this event along with presenting an award. We have to remember that these students *will be* our future and that they need support and encouragement to make the world a better place. Please consider participating in next year's event to make their experience an even better one. 🙌



Special Award Sponsors & Winners

- Architectural Major Award / **Richard Siebers** / Aurora Valley
- Best Drinking Water System / **American Water Works Assoc. WI** / Greenville
- Best Future City Project Plan / **PMIEF** / Ville Des Pomme
- Best Healthcare System / **Dairyland HIMSS** / Evergreen
- Best Knowledge of Plastics / **SPE (Society of Plastic Engineers Award)** / RE
- Best Land Surveying / **NCEES** / Zelena Falls
- Best Power System / **IEEE** / Coki
- Best Transportation System / **ITE** / Galax
- Best Use of Plastics / **SPE (Society of Plastic Engineers Award)** / Rey Moore
- Best Use of Recreational Space / **ASCE-YMG** / Ardon
- Best Use of Recycled Materials / **SWE** / Grunstadt
- Best Waste Management & Recycling Facilities / **APWA Wis** / Power Peaks
- Exemplary Model / **ASCE** / Greendale City
- Exemplary Model / **ASCE** / Ville des Pomme
- Exemplary Model / **ASCE** / Millioke
- Exemplary Model / **ASCE** / Lanakauhale
- Greenest Transportation System / **WTC** / London
- Innovative Technology / **Intelligent Transportation Society of WI** / E.A.C.
- Most Futuristic City / **ASQ** / Verde City
- Outstanding Use of Circular Economy Principles / **ASABE** / Greendale City
- Project Planning Award / **PMI** / Project X
- Resilient Storm Sewer System / **WI Concrete Pipe Assoc.** / Mountain Spring
- Rookie of the Year / **Welch Brothers** / Millioke

Sign Up for the 3rd Annual Summer Fishing Extravaganza

Friday, June 17 | Port Washington | Register online at: <http://wisconsin.apwa.net/EventDetails/27709>

By Nathan Wachtendonk, City of Green Bay

Lake Michigan offers some of the finest freshwater Coho and King Salmon in the world, and Nicky Boy Charters out of Port Washington is among the best in the charter fishing business.

The charters will leave the Port Washington at 5:30 a.m. aboard USCG-inspected charter boats and is scheduled to last six hours. After returning to port, anglers will be given a chance to brag about the one that got away.

Two boats were reserved and each has a capacity

of six people. All fishing equipment will be supplied. Remember to bring a cooler, bags and ice to transport your catch along with warm clothes. It can get cool out on the lake late in the afternoon.

A valid Wisconsin fishing license with Great Lakes Trout Stamp is required. Licenses can be purchased the day of the outing aboard the boats.

The cost is \$140 per person payable only on the Chapter website, which includes tip. Overnight lodging is available at local hotels.☞

President's Comments (Cont.'d from page 1)

job, invest the time, resources and money into that job so that it is done right the first time and will last a long time.

Too often I've seen folks want to make decisions based on what will cost less knowing that the finished product will not be nearly to their liking. When I started in public works 16 years ago, I brought this philosophy into my construction projects; what good is it to repave a road without addressing drainage concerns and aging water mains if, a month after the road is paved, there is a water main break and you have a patch on the road? The reality is that I'm sure this has happened to many of you. In fact, my superintendent tells me the story of how, before I joined the Village, a contractor was paving a road in the Village and as the cold roller went down the road the water bubbling up from the water main break behind it was following the roller down the road. Imagine the questions and comments from the constituency: "Why didn't you replace the water main?" or "What were you thinking?" Usually, those decisions were made based on the budget provided to us by the Village Board or Common Council and, as engineers, we try to make due with the resources we've been given. To that end, ask yourself this question: is it better to do a large project half-baked or a smaller project well done. My approach has been to undertake smaller projects to ensure they

are well done.

Which segues into the second quote I keep with me (honestly, courtesy of my wife). While rather blunt, we've all had situations in our careers where clients, customers, boards, councils and residents play arm-chair quarterback and second guess our decisions. In some cases, you may be directed to construct a project in a way that leads to a half-baked job; in others, they may direct staff to perform a task that flat out does not make sense. While it is incumbent on us as public works professionals to educate those who may not be aware of the impacts of certain decisions, we also realize that these very same people have their minds set on what they want done regardless of the facts you bring to light. There are two ways one can respond to these situations: get super frustrated to the point where you start to second guess your own decisions or, alternatively, understand that you can't "fix stupid" so you move on and learn from the experience.

Mind you, this isn't to suggest that those making the decisions are indeed stupid but it does imply they have already made up their minds regardless of the facts presented to them. While I have many examples to share, the one I like best is the one my dad told me as a kid. He was looking at a set of prints and told the engineer that the wall to be constructed

☞Page 12 (President's Comments)

Young Professionals



First Ever National YP Summit Connects Regional Members

By Aimee Irwin, Assistant to the Public Works Director, Village of McFarland

The National APWA Young Professionals Committee hosted the first of its kind National YP Summit on March 2, 2022. The summit utilized the Airmeet platform to connect young professionals from all APWA regions for a day of information related to programming, education, and networking. The summit began with meeting other attendees within their region for introductions and what attendees hoped to gain by attending the event. Following introductions, all attendees were gathered for the kick off and keynote provided by Cate Thompson (YP Committee Chair), Frank Marinaccio (YP Summit Chair), Stan Brown (APWA President) and **Eric Dundee** (Past APWA YP Committee). Dundee provided his inspirational journey and encouraged attendees that “the best way to predict the future is to create it.”

The second portion of the summit was geared toward involvement through National platform events, network calls, or articles. Attendees were provided information about 101 Topics which are geared toward professional development for a variety of topics. In support of the involvement portion, following the presentation, attendees participated in Speed Networking. This networking opportunity randomly selected two attendees to meet each other for five minutes to allow for introductions and sharing about each other’s involvement with APWA.

After a quick 30-minute break, attendees were back for the second half of the event, which focused on leadership. Attendees were provided topics related to hiring, maintaining employees, succession planning, and a great overview about soft skills related to writing. The final topic of the day reviewed the life cycle of a Capital Improvement Program (CIP) project. The overview detailed what a CIP entails and the speakers provided examples of actual projects that had occurred. To wrap up the day, attendees joined work sessions in order for YP Summit hosts to gather information for future enhancements related to young professionals. The work sessions focused on 101 Topics and mentorship opportunities.

Overall, the YP Summit was a jam-packed event geared toward young professionals to grow their involvement with APWA, overall professional development, and networking opportunities. The next YP Summit will be in person and any young professional is highly encouraged to attend. 📍

YP Committee Chair Message

The APWA Young Professionals Committee is dedicated to serving our newest members as they grow professionally and within the organization. We recognize the future of public works and APWA relies upon meaningful, ongoing engagement of public works professionals at all levels of the agencies we serve, including those who are new to the profession.

To better serve our young professionals, we continue to build our resources and create fun and inviting spaces for their involvement. Each year the committee identifies goals to accomplish.

In 2019, the APWA Board voted to support a YP Summit, focused on bringing together the country’s young leaders to help build connections, share ideas, and grow our ongoing outreach and development—bringing together each of our core YP values. While the 2022 YP Summit has been temporarily postponed as we await conditions to safely come together again, we look forward to bringing together the country’s young leaders when a future date can be scheduled.

If you are interested in learning more about how you can be more involved as a young professional, mentoring young professionals, or would like to be a part of any of our sub-committees, please reach out to myself or your Young Professional Liaison.

— Kati Horner Gonzalez,
 YP Committee Chair
khorne@walterp Moore.com



Emerging Leaders Program is Seeking Qualified Candidates

By Chris Tippery, Chair, Leadership & Management Committee; Senior Project Manager, raSmith

The Leadership and Management Committee is looking for candidates for the Emerging Public Works Leaders Program. Information about the program and application requirements is on the Chapter website: <http://wisconsin.apwa.net/PageDetails/7487>.

Qualified candidates will be public works practitioners, from either public or private employers, who have been working in the public works field for seven years or less or recently in a new public works role. A college degree is not mandatory. Each candidate must have demonstrated an interest in advancing his/her career within the profession.

The program benefits the Emerging Leader as well as their overall organization by providing

leadership opportunities both within the Chapter, as well as potentially nationally. The Leadership and Management Committee will nominate individual(s) to APWA National for participation in the National Emerging Leaders Academy, which meets in person or potentially virtually to discuss ongoing topics and complete tasks. As evidenced from the January 2022 newsletter, the program benefits to the participating individuals are substantial, learning skills and making connections that will last through your whole career.

Please consider applying to the Emerging Public Works Leaders Program.

Applications are due on May 20, 2022.



New Bipartisan Infrastructure Law (BIL) Fund for Transportation

By Lynda Fink, Chair, Public Relations Committee; Project Manager, KL Engineering, Inc.

In late January, WisDOT rolled out the information on the pending BIL funding and the initial Action Plan. Since then, two separate solicitations for projects have been posted.

The first solicitation (FFY 2022) was due April 1 and was geared towards “shovel-ready” projects for construction costs. An August 2022, Plans, Specifications & Estimates (PS&E) deadline was required to meet a November 2022 letting. This solicitation only included STP-Urban, STP-Rural & Local bridge projects.

The second solicitation (FFY 2023- 2026) was released in the end of February and applications are due on June 1, 2022. This solicitation is broader in

scope and allows applications for both design and construction funding for projects to be constructed in FY 2023-2026. This solicitation includes the programs above PLUS STP- LOCAL & CMAQ programs. STP- Local is a new program aimed at lower-volume roadways and CMAQ is available only in SE and limited counties in NE for Congestion Mitigation Air Quality projects.

A third solicitation is expected in late August for TAP (Transportation Alternative Program) which is funding for multi-modal projects and studies.

Visit <https://wisconsin.gov/Pages/doing-bus-local-gov/astnce-pgms/highway/bil-lp.aspx> to find the most up-to-date information.

Eight Wisconsin Public Works Leaders Complete the APWA Public Works Management Institute

By Benjamin Jordan, Program Director, UW-Madison, Interdisciplinary Professional Programs

Eight public works professionals completed the Wisconsin Public Works Management Institute certificate program in December. They are Mike Birkholz, Road Department Foreman, Town of Beloit; Bill Brandt, Operations Supervisor, City of Janesville; Mike Ehrenberg, Public Works Director, City of Ripon; Kris Hawley, Street Superintendent, City of Marshfield; Timothy Hayden, Water Utility Supervisor, City of Fort Atkinson Water Utility; Rob Nelson, Director of Public Works, City of Mauston; Paul Seefeldt, Operator, City of Mosinee; and Scott Turner, Street & Park Superintendent, Town of Rib Mountain.

These eight new graduates join the other 70 leaders who completed the Wisconsin Institute certificate since it was created 14 years ago.

In addition to the national APWA certificate, the graduates also received a certificate from the University of Wisconsin-Madison, since the program is offered by UW-Madison in cooperation with the Wisconsin Chapter of APWA. The national certificate is awarded in recognition that the Wisconsin

certificate program meets APWA national requirements. This certificate requires successful completion of 90 hours (15 days) of supervisory and management training in a program of study approved by APWA National.

The topics covered are essential for success as a public works supervisor, manager, and team member. Some of the topics include understanding local government structures, processes and the respective roles of elected leaders and staff; application of ethics and standards; effective approaches to organizing and staffing, budgeting, planning and managing public works functions; effective leadership and delegation; personal communication skills; and high quality customer service.

Benefits include having instructors with real-world management experience in public works, gaining a better understanding of individual leadership and management styles, and having useful materials from each course that can be referred to as things

👁️ Page 10 (PWMI Certificate)



Mike Birkholz (left) with Joe Rose, Director of Public Works, Town of Beloit.



Bill Brandt (left) with Ethan Lee, Operations Superintendent, City of Janesville.

PWMI Certificate (Cont.'d from page 9)

come up at work.

For more information, call TIC toll free at (800) 442-4615 or visit our [website at interpro.wisc.edu/tic/public-works-certificates](http://interpro.wisc.edu/tic/public-works-certificates) If you have additional questions contact Program Director Benjamin Jordan, direct phone (608) 265-4478 or Theresa Rodger, Program Support, Theresa Rodger, direct phone (608) 262-6361.



Mike Ehrenberg, Public Works Director, City of Ripon.



Kris Hawley (left) with Dan Knoeck, Director of Public Works, City of Marshfield.



Rob Nelson (left) with Randy Reeg, Administor for the City of Mauston.



Paul Seefeldt, Operator, City of Mosinee.



Public Works Classes Offered by UW-Madison Transportation Information Center (TIC)



By Ben Jordan, Director, Wisconsin Transportation Information Center

These public works supervision and management classes will provide you and your organization an opportunity to:

- Build a more effective management team;
- Enhance supervision skills and management practices;
- Prepare staff to grow in their career and take on new responsibilities.

Classes lead to two public works certificates offered in cooperation with the Wisconsin Chapter of APWA; the Public Works Supervisory Academy (PWSA) certificate, composed of nine, one-day classes (54 class hours in total), and the Public Works Management Institute (PWMI)

certificate, composed of 15 classes (90 class hours in total), including the nine courses in PWSA, plus an additional 36 class hours in five courses that focus on more advanced management-oriented courses. The PWMI certificate is recognized by National APWA as meeting requirements for Leadership Excellence in Public Works.

You may enroll in individual classes without enrolling in the Academy or Institute. Academy and Institute classes may be taken in any order, except that the PWMI certificate requires a Capstone course that must be taken as the last class in the series.

No academic experience is

required to participate in either program. Each class is normally offered at least once each year. In fall 2021, all classes are being offered online except for Municipal Engineering Fundamentals which will be in-person in Madison.

For additional PWSA & PWMI information, go to:

epd.wisc.edu/tic/public-works-certificates/public-works-supervisory-academy

and

epd.wisc.edu/tic/public-works-certificates/public-works-management-institute-certificate

You can register for currently scheduled classes at:

epd.wisc.edu/tic/workshops.

Fearless Performance Management

April 12

(9:30 a.m.-4:30 p.m.)

Madison

Instructor: Jeffrey Russell (offered in partnership with UW-Madison Small Business Development Center, alternate course for PWMI)

Gain tools you can use to set performance goals, document and manage performance, maintain ongoing communication, conduct performance reviews, and develop performance improvement plans. (PWMI)

Human Resources (HR) Basics for Non-HR Professionals

April 14

(8:30 a.m. to 4:30 p.m.)

Instructor: Karen Bender (offered in partnership with UW-Madison Small Business Development Center, alternate course for PWSA)

Learn the laws most often violated (unknowingly) and provide information on how to prevent those violations and focus on common issues encountered when dealing with employees. (PWSA)

Fundamentals of Public Works Operations

April 21 & 28

(8:30 a.m.-3:30 p.m.)

Instructor: Ben Jordan

Focus on managing the range of services in a public works department, including current operational issues. Each student will make a short presentation and lead a discussion on a relevant Public Works operations topic that they identify during the course. (PWMI)

☞ *Page 12 (PWSA/PWMI Courses)*

PWSA/PWMI Courses (Cont.'d from page 11)

Municipal Engineering Fundamentals for Non-Engineers

April 22, April 29, May 6, May 13, May 20, May 26
(11:00 a.m.-1:00 p.m. each day) – Online

Instructors: David Barber and Ben Jordan

Learn about basic engineering concepts and methods used by public works engineers to design, construct, operate, and maintain municipal infrastructure. (PWMI)

Improving Communication Skills

March 17 | In-Person

(8:30 a.m. to 3:30 p.m.) OR

May 17 & 24 – Online

(8:30 a.m. to 11:30 a.m. each day)

Instructor: Dave Hutton

President's Comments (Cont.'d from page 6)

was not designed properly and wouldn't tie into the existing building quite right. The engineer was adamant he was correct and told my dad to build what was designed. My father's response? He acquiesced but not before he told the engineer again that it was designed wrong and that the engineer would be paying him three times as much—once to put up the wall that was designed, once to tear it back down, and a third time to build it the way my father suggested. My dad chose the second route—he didn't get frustrated but laid out the facts for the engineer. Let's just say the engineer learned a hard lesson on that

Learn how to identify communication issues and their impact: how to conduct effective meetings: and write basic business memos, work orders, email messages, and reports. (PWSA)

Budgeting for Public Works

March 2 & 9 | Online

(1:00 p.m.-4:00 p.m. each day) OR

June 2

(8:30 a.m.-3:30 p.m.)

Fond du Lac

Instructor: Michael Daun

Learn to prepare and analyze an operating budget and explore several alternative budget formats and their budgeting, including asset leasing and purchasing pools.respective strengths and weaknesses. Review capital fund. (PWMI)

project and my dad gained great satisfaction in knowing that “you can't fix stupid.”

What I've learned in my experiences as part of APWA is that we're all wired the same way—we want what is best for our communities, will do everything within our power to get the projects done quite well and understand that we, at times, have to work with individuals who may not always have the right approach to a project. If you can't spend ten cents more to go first class because you can't fix stupid, then take great comfort in knowing that “you can only control what you can control.”

Some Fascinating Facts About Potholes

- There are an estimated 55,000,000 potholes in the U.S.
- By 1909, the term “pothole” was commonly used by U.S. drivers.
- According to a study by AAA, between 2013 and 2018 16,000,000 drivers across the country suffered pothole damage to their vehicles.
- The same AAA study also reported that pothole damage costs U.S. drivers \$3,000,000,000/year.
- On average, U.S. drivers report paying \$300 to repair pothole-related vehicle damage.
- According to the American Society of Civil Engineers, 1 out of every 5 miles of highway pavement in the U.S. is in poor condition.

Waukesha County News



Twin box culverts were installed to redirect storm water and reduce flood risk.

Case Study: Precast Box Culverts Reduce Construction Schedules and Minimize Road Closures

Solution: Ready-to-install precast box culverts reduce construction schedules and road closures, allow greatest flow capacity

The City of Waukesha, Wisconsin faced severe cyclical flooding during rain events that caused costly damage to the city and its residents as standing water covered intersections, low-lying areas, and basements. To mitigate flood risk, city leaders met and reevaluated how storm water was managed in several areas of the city. It was determined that flood areas 1 and 2 required additional storm water management systems, and a plan was devised to install precast box culverts in the areas of greatest concern.

County Materials manufactured and supplied over 800 lineal feet of precast box culverts in sizes of 4'x6', 4'x8', and 4'x10', along with 16 precast end sections and reinforced concrete pipe in diameters ranging from 12" to 15". The project specified precast components for their time advantages over cast-in-place alternatives, while box culverts were indicated for their ability to provide greater flow

capacity than round and elliptical pipe in this application. With the construction site being located on a main road that did not offer an ideal alternative route, traffic flow management was a critical consideration. To avoid extended full road closure, delivery of the ready-to-install precast concrete components was optimized. Coordination between County Materials and project leaders proved successful when the roadway was able to open to one lane traffic the next day, rather than remaining closed for the duration of construction.

Prior to installation, the sites were assessed by the Wisconsin Department of Natural Resources and determined as stream drainage areas. This discovery altered the installation process by requiring the box culverts to be installed in a dry area with stream water pumped to their designated position, a method not possible with cast-in-place systems. Additional environmental protections were implemented with the use of vegetated riprap that pro-

Public Relations Committee

The Wisconsin Chapter Public Relations Committee has established a new mission statement and is excited to move forward with some great initiatives in the upcoming months.

The Public Relations Committee serves to promote the role of Public Works, to provide tools for public outreach of Public Works activities, and to increase public knowledge of the Wisconsin APWA-Wisconsin Chapter.

We are currently developing goals to provide members with more resources. A few are listed below:

- Creation of an on-line toolkit for Public Works Professionals specific to our Wisconsin Chapter;
- Expanded outreach with WisDOT;
- Creation of an on-line discussion forum for

membership (digital roundtable).

In the meantime, if you are looking for resources for Public Works, the National APWA website has a number on-line, with the following pages being more specific to education, data research, and connecting with other professionals in the field:

- https://www.apwa.net/MYAPWA/Resources/MyApwa/Apwa_Public/APWA_Resources.aspx;
- https://www.apwa.net/MYAPWA/GovernmentAffairs/Public_Works_Research/MyApwa/Apwa_Public/Govt_Affairs/Public_Works_Research.aspx.

If you're interested in joining the committee or have ideas for specific resources that would be helpful, please do not hesitate to email the committee chair, **Lynda Fink**, at LFink@klengineering.com.

PWMI Certificate (Cont.'d from page 10)



Scott Turner with the Rib Mountain public works crew.

News from National

National Public Works Week May 15-21, 2022

May 15-21 marks the National Public Works Week and we encourage all members to promote their work within their community.

This year's theme is "Ready & Resilient" and highlights the ability of these professionals to perform regular public works duties and be ready at a moment's notice to react as first responders during natural disasters and overcome trials seen in the field.

The national APWA website has a plethora of ready-to-use resources, including the following:

- Public works images—to be used for social media, newsletters, poster, etc.
- Sample government proclamations to honor public works
- Press release kits
- A "How to" guide to highlight public works activities within your local community
- Sample calendar for planning activities and communications during the week

Purchase your 2022 National Public Works Week poster from the APWA Store.

Member Price: \$14.00

Non-Member Price: \$18.00

Visit <https://npww.apwa.net/NPWW/Resources.aspx> to find the most up-to-date information. ↗

Keep Current!

Be sure to notify APWA National of any changes in your contact information. Go to <http://apwa.net> and log in using your member credentials.

Update your contact data and the Wisconsin Chapter will receive that update in our next Member Roster. We need either your mailing or email addresses for you to receive the Chapter newsletter. So don't miss out!



Vertical poster.



Horizontal poster.

Box Culverts (Cont.'d from page 13)



Ready-to-install box culvert sections saved valuable time and reduced road closures.

County Materials' Precast Box Culverts arrive on site ready for installation.

protects the shore and the organisms that inhabit it both during installation and after.

By supplying readily available, ready-to-install precast components, County Materials supported project demands and helped project crews maintain schedule. Within two weeks, the new storm water management was installed, and roadways were opened to full capacity.

Reprinted from County Materials Corporation.

2022 CALENDAR

2022

April 10-13	North American Snow Conference	Pittsburgh, PA	
May 4-6	Spring Conference	Fox Cities Exhibition Center Appleton, WI	Eric Dundee
May 15-21	National Public Works Week		
June 17	Summer Fishing Extravaganza	Port Washington	Nathan Wachtendonk
July 13	Summer Golf Outing & Fundraiser	Janesville, WI	Aaron Jahnke
August 30	PWX Chapter Dinner	Charlotte, NC	Scott Brandmeier
September TBD	Snowplow Rodeo	Lambeau Field	Tom Zemruski
November 2-4	Fall Conference	UW-Platteville (TBD)	Eric Dundee

Please refer to the <http://wisconsin.apwa.net> website for more detailed program and registration information.