



Don't Miss the 2021 Fall Conference

November 3-5, Wednesday-Friday

“Live” & “Virtual” Venues

<http://wisconsin.apwa.net/EventDetails/26701>

President's Comments



By Scott Brandmeier

In 2008, Disney Pixar released the movie “WALL-E” in theatres and, much like all of the Disney Pixar

movies, adults in the room could find quite a bit of humor, sarcasm and meaning in the movie's themes that young children didn't always grasp. In “WALL-E” (short for Waste Allocation Load Lifter Earth Class), the little robot was left to clean up all the garbage on earth and it wasn't until nearly halfway through the movie that the viewer is introduced to a human. And where were the humans? On a spaceship in a virtual reality world comfortably enjoying their existence while oblivious to their surroundings.

Fortunately, we're not there (at least not yet). But, the last 18 months has certainly shown that many people are comfortable—for that matter, far more comfortable—telecommuting and working from home. The beauty of technology is that we've been able to perform our



The Four Points Sheraton (North Shore) is headquarters for the Fall Conference.

The 2021 Wisconsin Chapter Fall Conference is set for Nov. 3-5 at the Four Points Sheraton Milwaukee-North Shore. The conference will be hosted by the North Shore communities of Brown Deer, Fox Point, Glendale, River Hills, Shorewood and Whitefish Bay.

The conference will begin on Wednesday with a golf outing at Brown Deer Park Golf Course (weather permitting), a morning open house and demo by Wisconsin Salt Wise, and afternoon tours of TAPCO and Badger Meter's facilities in Brown Deer. The evening Get Acquainted Party

will be at the Bavarian Bierhaus in Glendale.

Thursday's agenda includes a mix of general and technical breakout sessions, a Chapter membership/business meeting, committee meetings—all topped off by our annual scholarship awards banquet and free bowling at the Village Bowl in Menomonee Falls.

Friday's agenda features conference sessions and concludes with lunch and door prizes.

As always, you'll be able to select from several topics and sessions to keep your continuing education efforts up to date.

Wisconsin Chapter News
October 2021

June 2021-June 2022 Officers

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Editor's Note 

By Nancy Cavanaugh

On-Site Events Build Community Among Members

Fall Chapter activities continue to flourish with on-site events that attract members who are excited and happy to reconnect.

Unexpected Attendance

In spite of the fact that the Snowplow Rodeo returned with a smaller number of activities, almost double the number of both drivers and vendors than expected signed up. (See page 3.) That means the popularity of the Rodeo has actually grown!

A Wealth of Activities Planned for Fall Conference

The November Fall Conference offers a chance to participate in a wide variety of activities—both for professional growth as well as with other Chapter members and colleagues. (A virtual venue is available for those unable to travel.)

There are a total of 18 sessions scheduled covering topics including water and sewer projects, fleet maintenance, emergency management preparedness, transportation “riddles,” road salt costs, real estate costs, new concrete specifications, infrastructure and climate change, the Bucks Arena Deer District, ethics, and a panel discussion on this year’s ASCE Infrastructure Report Card, including how Wisconsin infrastructure fared.

Members can participate in a golf outing at the Brown Deer Park Golf Course as well as sign up for technical tours at TAPCO and Badger Meter on Wednesday.

And don’t forget the Get Acquainted Party at the Bavarian Bierhaus and Thursday Banquet and bowling at the Village Bowl. 

ON THE COVER:

Banner images: Left: The 31st Annual Snowplow Rodeo almost doubled the number of drivers and vendors expected (page 3). Center: The ASCE’s 2021 Report Card announces an improved score for overall infrastructure (page 5). Right: The Fall Conference will be held at the Four Points Sheraton in Fox Point (page 1).



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In This Issue	
Special Features:	from Wisconsin & Chicago
Fall Conference	Metro Chapters
Session Schedule.....	Sidney.....12
2021 ASCE National	Committee Reports:
Report Card	Member Services
2021 ASCE Wisconsin	Awards
Report Card	Service & Project
PRSA/PWMI Classes	Nominations
Chapter Dinner Attracts 17	Calendar..... Back Page

31st Annual Snowplow Rodeo Draws 87 Drivers, 18 Vendors

By Jay Getka, Chair, Fleet Services & Snowplow Rodeo Committee



From left to right: 1st place, Mike Loose, Calumet County; 2nd place, Henry Teetz, City of West Allis; 3rd place, Keith Verbeten, Calumet County; 4th place, Eric Peters, City of Green Bay; 5th place, Terry Rutledge, Waukesha County.

After a year away due to the ongoing health crisis, a beautiful, sunny day greeted the 87 registered drivers as they competed for the bragging right to say they are the “best snowplow driver” in the State of Wisconsin. (That’s almost **double** the number of both drivers and vendors expected.) The winner will compete for the top two spots that include an all-expense paid trip to compete in the Western Snow & Ice Conference & National Snow Plow Rodeo in Loveland, Colorado on Sept. 29-Oct. 1, 2021.

The event included 18 vendors and sponsors who participated in the equipment show. A special thank you to Autocar Truck for signing up as a major sponsor for this year’s event.

This year’s obstacle driving course included six different obstacles: a sweeping curve; a round-about; an outside curve; a slalom course; a dead end/back up and turn, and the start/stop line. The slalom and round-about elements contributed to an extremely challenging and stressful course.

The day’s activities also included a disabled vehicle inspection event sponsored by Autocar

Truck that stressed the importance of a thorough pre-trip visual inspection of the plow truck and snow equipment before operation.

This year’s event also included a Director’s Cup driving competition for managers and supervisors, as well as the mayors from the City of Green Bay and the City of DePere.

A **big** thank you goes out to all of members of the Fleet Services Committee, who helped to plan and coordinated the day’s activities.

A special thank you to Force America for supplying the official scorers for the Rodeo again this year.

Thank you to the City of Appleton, Waukesha County, City of Green Bay, and City of Kenosha for the use of trucks and personnel to make the event possible.

Finally, thank you to the Green Bay Packers organization, Stadium View Bar and Grille, Tundra Lodge and all the vendors, sponsors, and judges who participated, graded, and supplied equipment or resources for the event.

We look forward to seeing everyone back in Green Bay again next September. 🚛

Fall Conference (Cont.'d from page 1)



Meet your old friends and new at the Get Acquainted Party at the Bavarian Bierhaus (left). The Scholarship Banquet will be held at the Village Bowl in Menomonee Falls (right), followed by bowling.

The Whova mobile app will be used again for this conference based on its great success in the past. All the conference information is available through it, saving the cost and waste of printed conference

programs. Whova provides automatic conference updates on the conference program and speaker information for your access. Setup assistance will be available at the conference check-in desk.

Event Schedule – Thursday, November 4

General Session: “We Have the Funding, Now What?” | 8:30-9:30 a.m.



Kevin Shafer, Executive Director, Milwaukee Metropolitan Sewerage District.

This session will present the unique inter-agency collaboration and decision making of Milwaukee Metropolitan Sewerage District (MMSD) and its stakeholders.

By attending this session you will be able to:

- Make informed comprehensive decisions on water infrastructure improvements.

- Determine best approaches of integrating your decisions with regional or neighboring entities.
- Encourage a collaborative discussion with all stakeholders on water infrastructure improvements.

2A: Funding Sewer and Water Projects with ARPA \$ | 9:45-10:45 a.m. (Concurrent Session)



Ryan Amtmann, VP, Ruekert & Mielke, Inc.

By attending this session you will be able to:

- Identify the types of sewer and water-related projects that qualify for ARPA funding.
- Determine what sewer and water-related projects will stretch their ARPA funds to the furthest and provide their

community with the greatest return on investment.

- Assess the lasting impact that these types of infrastructure projects can have on their community’s overall quality of life for decades to come.

☞Page 6 (Fall Conference Sessions)



ASCE Report Card Grades the Nation's Cumulative Infrastructure Rating at "C-"

From the American Society of Civil Engineers
<https://infrastructurereportcard.org>

Every four years, the American Society of Civil Engineers' Report Card for America's Infrastructure describes the condition and performance of American infrastructure in the familiar form of a school report card—assigning letter grades based on the physical condition and needed investments for improvement. Since ASCE initiated the Report Card in 1998, the grades have fought to get out of the D's. However, *for the first time in 20 years, the infrastructure GPA is a C-*, up from a D+ in 2017. Though we're moving in the right direction, a lot of improvement is needed to bolster the grades of the 18 categories (see Infrastructure Categories to the right).

Cumulative Investment Needs Based on Current Trends, 2020 to 2019

The infrastructure needs between 2020-2029 total \$5,937 billion. However, only \$3,350 billion is currently funded, leaving a gap of **\$2,588 billion**. To close the 10-year gap, investments from all levels of government and the private sector must increase from 2.5% to 3.5% of the U.S. Gross Domestic Product (GDP) by 2025.

"By 2039, America's overdue infrastructure bill will cost the average American household \$3,300 a year, or \$63 a week."

Recommendations to Raise the Grade

Three key initiatives are needed to improve infrastructure conditions:

Leadership and Action

Leaders from all levels of government must come together by showing strong leadership, decisive action, and a clear vision for our nation's infrastructure.

Investment

The surface transportation investment gap has the largest deficit in the categories of infrastructure that ASCE evaluates. Deferring maintenance and modernization is impacting our ability to compete in the global marketplace and maintain a high quality of living domestically. (A \$303.5 billion Surface Transportation Reauthorization Act has cleared the Senate Environment and Public Works Committee on May 26. This marks a 34% increase over the last reauthorization in 2015.)

Resilience

New approaches, materials, and technologies are needed to ensure our infrastructure can withstand or quickly recover from natural or man-made hazards.

Wisconsin's infrastructure challenges are described on page 7.

Infrastructure Categories

Aviation.....	D+
Bridges.....	C
Broadband.....	C
Dams.....	D
Drinking Water.....	C-
Energy.....	C-
Hazardous Waste.....	D+
Inland Waterways.....	D+
Levees.....	D
Public Parks.....	D+
Ports.....	B-
Rail.....	B
Roads.....	D
Schools.....	D+
Solid Waste.....	C+
Stormwater.....	D
Transit.....	D-
Wastewater.....	D+

America's Infrastructure GPA C-

Estimated 10-year \$ 2.59 Trillion investment gap

Note: Each category was evaluated on the basis of capacity, condition, funding, future need, operation and maintenance, public safety and resilience.

- A = Exceptional
- B = Good
- C = Mediocre
- D = Poor
- F = Failing

Fall Conference Sessions (Cont.'d from page 4)

2B: Renovate, Upgrade, Expand Fleet Maintenance Facilities | 9:45-10:45 a.m. (Concurrent Session)



Jeff Tews (Fleet Manager, City of Milwaukee-Retired) and Norman Barrientos, Barrientos Design & Consulting.

An architect and a fleet manager meet at a bar and after an hour, they decide to put on a talk that combines two industry professionals' insights on how to better their fleet maintenance facilities.

By attending this session you will be able to:

- Identify deficiencies and create a roadmap for improvement,

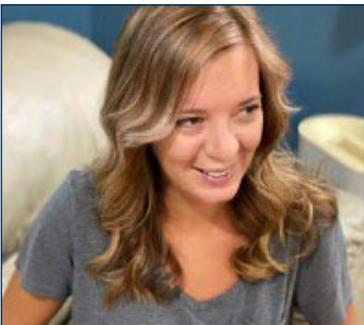
and gain input and buy-in from your technicians and administration.

- Boost maintenance operations with a high-performance garage layout.
- Identify key building design standards critical to facility success and consider future repair shop needs.

2C: POY-Hidden Lake Greenway Trail, Brookfield | 9:45-10:45 a.m. (Tentative Concurrent Session)

BREAK

3A: Emergency Management Preparedness & National Incident Management System | 10:55-11:55 a.m. (Concurrent Session)



Melissa Waller, Owner, Pre-Emergency Planning, LLC.

This session will provide an overview of the National Incident Management System (NIMS) and Incident Command System (ICS) specific to Public Works.

By attending this session you will be able to:

- Explain the benefits of using concepts from NIMS and ICS in operations and planning.

- Discuss why emergency planning is beneficial to public works agencies.
- Identify processes to receive NIMS/ICS certification and resources to support emergency preparedness.

3B: City of Verona Lincoln Street Stormwater Treatment Facility | 10:55-11:55 a.m. (Concurrent Session)



Theran Jacobson (Director of Public Works & Utilities, City of Verona), Mike Wegner (Water Resources Engineer, Brown & Caldwell), and Carla Fischer (Water Resources Lead, AECOM).

This session is designed to allow attendees to understand stormwater quality discharge requirements that led to the Lincoln Street Stormwater Treatment Facility project, design challenges, and the final components.

By attending this session you will be able to:

- Recognize the requirements, objectives, and opportunities related to stormwater runoff discharge quality for the project.
- List the design challenges in diverting a percentage of urban

runoff from an open channel with high groundwater and adjacent environmentally sensitive lands with a discharge to a downstream coldwater fishery habitat, and how the project was delivered.

- Identify how the final project met the various requirements and goals and is positioned to facilitate redevelopment in the City's densely populated developed downtown area.

☞ Page 8 (Fall Conference Sessions)



2021
REPORT CARD
FOR AMERICA'S INFRASTRUCTURE

2020 Wisconsin Infrastructure Report Card GPA: C

From the American Society of Civil Engineers | <https://infrastructurereportcard.org/state-item/Wisconsin/>

Access to reliable, safe infrastructure improves the quality of life and “sets the table” for sustainable economic growth. As an example, tourism in Wisconsin has grown substantially from 2014 to 2019. Business and recreational travelers, both domestic and international, spent \$12.5 billion in 2018 and generated \$2 billion in taxes paid to federal, state, and local governments. Tourism requires clean surface water to support recreation, fish habitat and other wildlife. Safe roadways, efficient air travel and recreation trails all support and help promote tourism. Lodging and food service are essential which require cost-effective sanitary sewer systems and a safe water supply.

Much of Wisconsin’s infrastructure requires capacity or maintenance upgrades or is reaching the end of its expected lifespan. You will see this reflected in Wisconsin’s grades. The energy grid, transportation systems, sewers and drinking water systems of decades ago need upgrading to better prepare for security threats, larger storm events, increased use of renewable fuels and a changing population.

“The state needs to provide an increased, dedicated source of transportation funds to defray local transit costs and ease the property tax burden on Wisconsin residents.”

Two Worst Report Card Grades: Roads and Transit

Wisconsin encompasses more than 115,000 miles of drivable roadways. More than one-third of these roads are in fair or below condition, and deterioration is likely to continue over the next 10 years. If additional funding is not provided, 50 percent of the roads may experience increasing pavements rated at poor or below. More than two-thirds of major roads, concentrated in urban areas, were rated as fair or below in roadway condition. Deficient roads cost drivers \$6 billion annually due to wear and tear on vehicles, wasted fuel due to congestion, and the overall cost of crashes on roadways. There is an estimated \$13 billion shortfall over the next decade if roadway improvements are not funded.

Roadway features in Wisconsin are likely a contributing factor in approximately one-third of fatal traffic crashes (see page 15 for statistics). This is tremendously significant to drivers on rural roadways throughout the state where the fatality rate

↔ Page 15 (Wisconsin Infrastructure Report)

Wisconsin Infrastructure Categories

Aviation.....	C+
Bridges.....	C+
Dams.....	C+
Drinking Water.....	C-
Energy.....	B
Hazardous Waste.....	B-
Inland Waterways.....	C-
Ports.....	C+
Roads.....	D+
Solid Waste.....	B-
Stormwater.....	C
Transit.....	D+
Wastewater.....	C-

Infrastructure GPA C

Estimated 10-year \$ 13 Billion budget shortfall

Note: Each category was evaluated on the basis of capacity, condition, funding, future need, operation and maintenance, public safety and resilience.

- A = Exceptional: Fit for the Future
- B = Good: Adequate for Right Now
- C = Mediocre: Requires Attention
- D = Poor: At Risk
- F = Failing/Critical: Unfit for Purpose

Fall Conference Sessions (Cont.'d from page 6)

3C: POY Solving Transportation Riddles: Geometrically Challenged Intersections, Urban Constraints and Historic Aesthetics | 10:55-11:55 a.m. (Concurrent Session)



Amanda DeAmico (Sr. Project Engineer, MSA) and Brian Huibregtse (Project Engineer, MSA-PS). Not Pictured: Brandon Hager (Sr. Project Engineer, MSA).

Learn about solutions with first-hand experience from two APWA-Wisconsin Project of the Year Award winners: the West Milwaukee Street Bridge in the City of Janesville and the La Crosse-Superior Street Mini Roundabout in the City of Wisconsin Dells.

By attending this session you will be able to:

- Modify bridge, roadway and intersection designs that accom-

modate tight urban constraints, historic districts, and busy pedestrian corridors.

- Identify opportunities to integrate with existing community trail networks, improve traffic flow, and install compact or mini roundabouts.
- Resolve transportation riddles in downtown centers, busy tourism destinations, and areas of historic designation.

LUNCH (BUFFET) AND BUSINESS MEETING

4A: Road Salt: The Hidden Costs of Oversalting | 1:15-2:15 p.m. (Concurrent Session)



Allison Madison, Sustainability & Development Coordinator, Wisconsin Salt Wise.

Thirty-five rivers and streams in southeastern Wisconsin are impaired by high salt concentrations. The road salt that we've been using for decades has built up in surface water and the groundwater recharges our lakes and streams each summer. Educating operators, callibrating equipment, and incorporating salt brine are several of the methods that are saving communities 30-70% on their salt bill.

By attending this session you will be able to:

- Communicate several impacts of salt pollution.
- Compare your municipality's salt use practices with those of several Salt Wise municipal champions.
- Identify future opportunities to engage with Wisconsin Salt Wise programming.

4B: Real Estate 101: Planning to Avoid Headaches Down the Road | 1:15-2:15 p.m. (Concurrent Session)



Lynda Fink, Discipline Leader – Infrastructure Services, KL Engineering.

Are you frustrated with your projects being delayed by real estate dealings or project costs inflating due to excessive real estate costs? Does the word "condemnation" strike fear in your heart? If so, this session is for you!

By attending this session you will be able to:

- Identify the various real estate instruments used in public construction and understand the difference between local

versus WisDOT acquisition process and timeline.

- Evaluate potential timing and cost implications of proposed land acquisition.
- Evaluate basic title work and the various implications of purchasing property from one owner versus another (mortgages, liens, complicated ownership, etc.). Related basics of condemnation will also be reviewed.

↪ Page 10 (Fall Conference Sessions)

Member Services

Chapter Membership Grows at a Steady Clip

By Aimee Irwin, Member Services Chair

Our current member count as of Sept. 24, 2021 is 808 members. That's an increase of 45 members (5.5%) since Jan. 1—40 of whom joined between April 1-Aug. 31. A new all-time record!

Our membership continues to grow at an

increasing rate, which ultimately adds value to the Wisconsin public works community.

I'd like to thank the new members who have joined our organization between April 1 through Aug. 31:

Name	Title	Municipality/Business
Ryan Anderson	Operator	City of Clintonville
Matt Ballweg	Water Utility Technician	Village of Cottage Grove
Marian J. Barnes	Senior Appraiser	M.J. Barnes & Associates, Inc.
Norman Barrientos	Principal Architect	Barrientos Design & Consulting, Inc.
Tyler Beinlich	Assistant City Engineer	City of Franklin
Tyle Benz		Aquafix Inc.
Andrea Bill	Program Director	Wis. Transportation Information Center
Jack R. Brody	Environmental Engineer	City of Madison
Emmalee J. Browne	Civil Engineer	City of Green Bay
Sam J. Buetow	Project Engineer	City of Appleton
Derek Bushman		GRAEF
Frank Damato		
Tyler Edward Fadness	Utilities Chemist	City of Eau Claire
Jack Feiner		
Lynda M. Fink	Discipline Leader – Infrastructure Services	KL Engineering, Inc.
Bill Frederick	Public Works Director	Village of Waunakee
Lauren Freeman	Management Analyst	City of Sun Prairie
Luke Hammons	Interim Public Services Director	City of New London
Angela M. Hansen	Asst. to Director of Public Works	City of Burlington
Todd Hanson		
Solomon King	Fleet Supervisor	City of Wausau
Kraig Knap	Operator	City of Clintonville
Kevin Koester	Public Works Supervisor	City of Wausau
Brian Kolden		County Materials Corporation
Dustin Kraege	Superintendent of Public Works	City of Wausau
Michelle Lambrecht	Public Services Administrator	City of New London
Ethan Lee	Ops Superintendent	City of Janesville
Gerald J. Lenz	Director of Public Works	City of Columbus
Allen Mankiewicz		
James Mantes		
Paul Harrison Minneti, Sr.	Sales Manager	Lannon Stone Products
Matt Pleshek	City Engineer	City of Shawano
Grant Pokos	Engineer 4	City of Madison
Troy Schmutzer	Asst. Superintendent of Streets	City of LaCrosse
Kathryn Schwartz	Director of Public Works	Town of Grand Chute
Jasen Surin	Ops Manager	Village of Little Chute
Jason Tucker	Engineering Technician	Town of Grand Chute
Dylan Urbanek	Assistant City Engineer	City of Cedarburg
Michael Wegner, P.E.	Water Resources Engineer	Brown and Caldwell
Lance Wilkinson	Ops Supervisor Street	City of Appleton

Fall Conference Sessions (Cont.'d from page 8)

4C: 2022 WisDOT Concrete Specification Changes – Performance Engineered Mixtures are Here!
1:15-2:15 p.m. (Concurrent Session)



Kevin McMullen, President, Wisconsin Concrete Pavement Association.

We will be discussing new cement and supplementary cementitious materials, new aggregate specifications, new mix design procedures, and new quality control and acceptance procedures. Our goal is to produce longer life and more durable concrete for Wisconsin infrastructure.

By attending this session you will be able to:

- Describe changes to the WisDOT standard specifications for concrete in the construction of roads and streets.
- Differentiate the changes made between the decades' old specifications and the new specifications.
- Implement, with confidence, these new specifications in your municipal work.

GS5: The State of Wisconsin's Infrastructure | 2:25-3:35 p.m. (General Session)



Nancy Cavanaugh (Cavanaugh Interactive) and Jake Brunoehler (Regional Engineer-Wisconsin, Advanced Drainage Systems, Inc.).



A distinguished panel of experts will discuss the current status of the State of Wisconsin's infrastructure, as documented in the ASCE 2021 Report Card for Wisconsin.

By attending this session you will be able to:

- Describe the condition of Wisconsin's infrastructure.
- Evaluate report card recommendations to improve conditions.
- Plan for future needs, including maintaining public safety standards and integrating new technologies.



From left to right: Steve Bass (Executive Director, Wisconsin Transportation Builders Association), Debby Jackson (Executive Director, Transportation Development Association), Carl Sutter (VP, McMahon Engineers/Architects), Scott Brandmeier (Director of Public Works, Village of Fox Point).

Event Schedule – Friday, November 5

6A: A Roadmap for Continuous Improvement Using the APWA Accreditation Program | 8:00-9:00 a.m. (Concurrent Session)



Brad Reents (Assistant City Engineer, City of Janesville) and Paul Woodard (Director of Public Works, City of Janesville).



Have you heard about the APWA accreditation self-evaluation program, but wondering what it takes for your organization to become accredited? This session provides details while explaining the benefits with stories, experiences, and lessons learned from the first APWA-accredited agency in Wisconsin.

By attending this session you will be able to:

- Evaluate the benefits of the self-evaluation process.
- Build an understanding of the APWA accreditation process with the cost, timeline, and level of effort.
- Acquire first-hand advice on how to evaluate the level of effort for your organization and how to get started.

➤ Page 12 (Fall Conference Sessions)



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

Purchasing and Inventory Control

October 5 & 7, 2021 (two 3-hour sessions, 8:30 a.m. to 11:30 a.m. each day) – Online

Instructor: Mike Daun

Examine purchasing practices and inventory control measures to promote savings and operational effectiveness. Learn straightforward approaches to capital expenditures. Identify Wisconsin laws that govern contracting and purchasing. Discuss common purchasing errors, and to how correct them. (PWSA)

Fundamentals of Public Works Operations

October 12, 14, 26 & 27, 2021 (four 3-hour sessions, 8:00 a.m. to 11:30 a.m. each day) – Online

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)

Human Resources (HR) Basics for Non-HR Professionals (offered in partnership with UW-Madison Small Business Development Center, alternate course for PWSA)

October 18 & 19, 2021 (8:30 a.m. to 11:45 a.m. each day) – Online

Instructor: Karen Bender

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.

Management Assessment for Personal Planning Assessment (offered in partnership with the Division of Continuing Studies)

October 22, 2021 (9:00 a.m. to 3:45 p.m.) – Online

Instructor: Avrie Schott

Learn how your own style compares with other managers' and your agency goals. Discover strategies to build on your identified strengths and address limitations. Register two weeks before the course to be able to complete a self-assessment before class. (PWSA)

Municipal Engineering Fundamentals for Non-Engineers

November 9-10, 2021 (8:00 a.m. to 5:00 p.m. each day) – In-Person at the Madison Concourse Hotel

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)

☞ Page 12 (PWSA/PWMI Courses)



PWX Wisconsin Chapter Dinner Attracts 17

On August 28, a group of 12 Chapter members and five members of the Chicago Metro Chapter met at the Morgan Street Brewery (St. Louis) during the PWX convention.

According to organizer **John Edlebeck**, “these

people know where to to find a good party!”

So much so that no one took any photos.

Steve Grenier explains. “We were all so excited to finally be together that no one thought to commemorate the occasion with photos!”

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

Local Government Fundamentals

November 16 & 17, 2021 (two 3-hour sessions, 8:30 a.m. to 11:30 a.m. each day) – Online

Instructors: **Bryan Gadow** and **Ben Jordan**

Learn about the state’s relationship with local government and why these relationships are beneficial so that you can make sound decisions. Examine how you can ensure that the work you are doing is not only ethical, but also follows current public standards of conduct. (PWSA)

Fearless Performance Management

Nov. 30 & Dec. 1-2 (three days, 2-1/2 hr. sessions 9:30 a.m.-12:00 p.m. each day)

Online Instructor: **Jeff Russell**

This class presents a model for managing employee performance and provides you with specific tools you can use to set performance goals, document and manage performance, maintain ongoing communication, conduct performance reviews, and develop performance improvement plans. (PWMI)



Awards Committee

Nominate Your Colleagues or Projects for an APWA Award

By Tim Barbeau, Awards Committee; Senior Project Manager, R.A. Smith, Inc.

Wisconsin APWA members perform outstanding service to our citizens every day and should be recognized for their superb work, don't you think? Now is the time to take a moment out of your busy day, write down a couple of colleagues who deserve special recognition and email them to tim.barbeau@rasmith.com for consideration by the Awards Committee. Recognition of individuals can be made for the following awards:

Rheinfrank Award

This award recognizes a person or organization who has had a far-reaching, positive impact on public works programs, services, or policies through distinguished public service and commitment to their community and the State of Wisconsin.

Curtis Award

The John W. Curtis Chapter Service Award recognizes outstanding individual achievement through Chapter activity and service to the Wisconsin Chapter while supporting APWA's strategic plan, goals, and objectives.

Greeley Award

The purpose of this Award is to give formal recognition of honorary character to persons who have continuously served a local public or private agency long term (minimum 30 years) in an official capacity and who have contributed to the advancement of Public Works practice as a member of the APWA (minimum 15 years) thereby improving the quality of life for those who live and work within that community.

Outstanding New Member Impact Award

The purpose of this award is to recognize and encourage new or young APWA-Wisconsin members who have demonstrated an initial commitment to the profession and the association and show potential for future growth within the association. The award promotes the concept that length of career does not necessarily indicate leadership abilities or potential for service. In addition, the award recognizes that becoming an active member of the

association will not only strengthen the association, but also grow stronger Public Works leaders.

And don't forget about those outstanding **Public Works Projects of the Year** (which are eligible for both state and national recognition).

Award nominations are accepted from chapters, public agencies, corporations, APWA's general membership, as well as the general public.

APWA National Awards

If you know a colleague that has excelled in one of the following categories, APWA National has an award program that recognizes those professionals. Feel free to contact the Awards Committee for more information or go directly to the APWA National website for a more detailed description of the award criteria.

- administrative management,
- emergency management,
- engineering and technology,
- facilities & grounds,
- public fleet,
- public right-of-way,
- transportation,
- solid waste, and
- water resources.

To review the APWA Wisconsin Chapter or National award programs, please visit the following websites:

APWA National Awards

<https://www.apwa.net/About/awards>

Wisconsin Chapter Awards

<http://wisconsin.apwa.net/pagedetails/7341>

Award nominations are due to the Wisconsin Chapter Awards Committee by January 31, 2022.✉

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. Don't miss out!

Fall Conference Sessions (Cont.'d from page 10)

6B: POY-Mount Pleasant TID No. 5 and Environs Water Project, Mount Pleasant | 8:00-9:00 a.m. (Concurrent Session)



Ken Ward, VP, Ruekert Mielke.
 Not pictured: Brennen Fischer, Ruekert Mielke.

By attending this session you will be able to:

- Identify the methods used by the project team to successfully expedite and complete the design, permitting, and construction of one of the largest water system expansion projects in the state of Wisconsin.
- Discuss the challenges surrounding the need to accommodate the substantial pipe size of the

water main (the majority ranging from 3 to 4 feet in diameter), designing around unknown existing and future utilities, and designing for unknown variables in future water demands.

- Apply the lessons learned by the project design team and implement best practices for navigating similar projects with significantly expedited timelines.

6C: Using Design-Build to Upgrade a 100-Year-Old Surface Water Treatment Plant | 8:00-9:00 a.m. (Concurrent Session)



Patrick Planton, Sr. Project Manager, Baxter & Woodman.

This session presents a case study in the reconstruction of a 100-year-old surface water treatment plant using the design-build project delivery method. It will explain how the owner decided to use design-build, and the benefits accrued.

By attending this session you will be able to:

- Compare the benefits between

the two project delivery methods: Design-Bid-Build vs. Design-Build.

- Justify when design-build may be the appropriate infrastructure project delivery method.
- Anticipate the complexities of reconstructing public infrastructure that is 100 years old.

7A: Infrastructure and Climate Change | 9:15-10:15 a.m. (Concurrent Session)



Bu Wang (Assistant Professor, UW-Madison Civil & Environmental Engineering), Daniel Wright (Assistant Professor, UW-Madison Dept. of Civil & Environmental Engineering). Not pictured: Rob Montgomery (MARS-EOR).

We will present the completed products of the Wisconsin Initiative on Climate Change Impacts Infrastructure Working Group on rainfall statistics, survey results and carbon footprint. Future goals will be presented.

By attending this session you will be able to:

- Acquire rainfall Intensity-Duration-Frequency data for Wisconsin locations and future conditions.

- Contrast the understanding and attitudes of infrastructure owners, managers, and designers regarding climate change.
- Engage governing board members and contractors to establish policies and acquire data to begin to reduce the embedded carbon in construction materials.

➡ Page 16 (Fall Conference Sessions)



Wisconsin Infrastructure Report Card (Cont.'d from page 7)

doubles the national average.

A one-time transportation funding increase of \$465 million has been approved by the Governor and legislature for the biennium of 2020-2021. This is good news for a stagnant transportation budget in recent years, but it falls short of the funding called for by the WTFPC. WisDOT has reported that a \$180 million annual increase over the next 10 years would be required to maintain our current pavement conditions.

Likewise, funding challenges from federal, state, and local entities present public transit systems with tremendous financial hurdles. Improving our transit begins with Congress reauthorizing the Federal Surface Transportation Program, including creating a stable source of federal funding through an improved Highway Trust Fund. The state needs to provide an increased, dedicated source of

2014-2016 Fatalities/Costs

Location	Average Fatalities 2014-2016	Safety Cost
Eau Claire	11	\$ 257
Green Bay-Appleton-Oshkosh	38	\$ 277
Madison	32	\$ 244
Milwaukee	74	\$ 311
Wausau	11	\$ 325
Wisconsin Statewide	560	\$ 1.8 billion

transportation funds to defray local transit costs and ease the property tax burden on Wisconsin residents. Additional measures must be taken to improve the low transit grade which includes incorporating transit initiatives into land use and transportation planning, including high-speed bus and rail corridors, and creating regional transit authorities.👉

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

jobs due to the technological advancements over the last 15-20 years—something that didn't seem probable in the 1980's and even into the 1990's.

That said, there is much to be said for in-person, interpersonal communication. The ability to walk down the hall and soundboard ideas off a colleague, gather at the bubbler and share a joke, or play armchair quarterback every Monday morning with your co-workers is something that cannot always be achieved in a virtual world. So much is missed in a virtual world that is able to be observed while in person—a person's body language, facial expressions, nervousness or joy, irritation or elation—that one doesn't get when the Zoom camera is shut off and distractions abound (cat jumping on your lap, toddler needing attention, or teenager zoning out during a virtual calculus class).

Which is why I am pleased that this year's Fall Conference will be held in person at the Four Points by Sheraton in Brown Deer, Wisconsin (a Milwaukee County suburb). Rest assured, for those who cannot attend the in-person conference or who still feel more comfortable not attending in-person events, we do have a virtual option for you. For both types

of attendees, we are back to a triple-track event for most of our education sessions. In addition to our education sessions, there will be three general sessions that focus on funding infrastructure, the state of our infrastructure in Wisconsin and ethics.

For those attending in person, there are some really neat things planned, including an open house and demonstration hosted by Wisconsin Salt Wise (invite your public works staff to this event), the golf outing at Brown Deer Park, a technical tour of both TAPCO and Badger Meter, the Get Acquainted Party at Bavarian Bierhaus, and the scholarship awards banquet and bowling (some friendly competition) on Thursday night. Additionally, donations to the conference fundraiser will benefit GiGi's Playhouse, which provides programming and support for people with Down Syndrome and their families.

Back to "WALL-E" and one of the meanings I took from the movie: those in the virtual world realized how much they were missing and, as the ship's captain commented: "I don't want to survive, I want to live." Hopefully, many of you are able to attend the Fall Conference because it is our goal to give you a great time. See you there.👉

Fall Conference Sessions (Cont.'d from page 14)

**7B: Things Local Communities Need to Know to Make the WisDOT Local Process Flow Smoothly
9:15-10:15 a.m. (Concurrent Session)**

7C: Bucks Arena Deer District 9:15-10:15 a.m. (Concurrent Session-Tentative)

GS8: Ethics and Conflicts of Interest | 9:45-11:55 a.m. (General Session)



Claire Silverman, Legal Counsel, League of Wisconsin Municipalities.

The State of Wisconsin ethics code sets minimum standards of ethical conduct for local public works officials and authorities, and authorizes local governments to enact more stringent measures. This session will consider why such standards are important, explain those standards in detail, and explore them by using hypothetical scenarios.

By attending this session you will be able to:

- Recognize and avoid possible violations of Wisconsin’s state ethics law.
- Recognize and avoid violating the pecuniary interest law which prohibits, with some exceptions, public officials and employees from having private interests in public contracts.
- Discuss and reflect on the importance of ethical behavior and its impact on public trust.

Wisconsin Chapter Cancellation Policy

Cancellations must be made by the late registration date listed on the registration form (10/20/2021). A full refund will be made for any refund request received by the close of that day, less a twenty-five dollar (\$25) administrative fee. No refunds are given after the late registration date has passed. Special circumstances will be decided on a case by case basis, first by the host committee and then approved by the Executive Committee. The host

committee must receive all special circumstance requests within seven (7) days after the start of the event (11/3/2021). All requests received after this date will be denied. Individuals requesting a refund are required to submit their requests to the host committee and copy the treasurer and must include their mailing address and to whom the check should be written. All approved refund requests will be issued after completion of the conference.

2021-2023 CALENDAR

2021

Nov. 3-5	Fall Conference	Four Points by Sheraton Milwaukee North Shore	Scott Brandmeier & North Shore Group
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2022

May 4-6	Spring Conference	Fox Cities Exhibition Center Appleton, WI	Eric Dundee
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TBD	National Public Works Week		
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TBD	Fall Conference	UW-Platteville (TBD)	Eric Dundee
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2023

TBD	Spring Conference	Eau Claire/Altoona (Tentative)	
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TBD	Fall Conference	Wisconsin Rapids (Tentative)	
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Please refer to the <http://wisconsin.apwa.net> website for more detailed program and registration information.