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36th ANNUAL GOLF TOURNAMENT
KC METRO

Time to sign up for the 36th Annual Golf Tournament—September 21

See Page 8 for Details

Public Works Institute—Module IV – Leadership Skills
October 24-26

See Page 9 for Details

Save the Date for the Holiday Party!
December 12

See Page 9 for Details

**2016 PACE
AWARD
RECIPIENT**

**20 YEARS
IN A ROW!**



KC Metro APWA is social! Like us on Facebook!

2017 ANNUAL PARTNERS

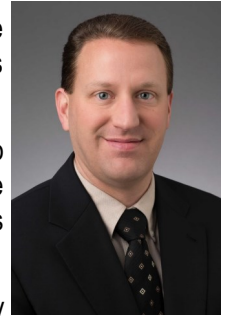
**Affinis
GBA
Olathe, KS
Wilson & Co.
Walter P. Moore
CDM Smith**

**Burns & McDonnell
Kissick Construction
HDR
Trek
SKW
TranSystems
HNTB**

PRESIDENT'S PERSPECTIVE

FROM ROB KREWSON

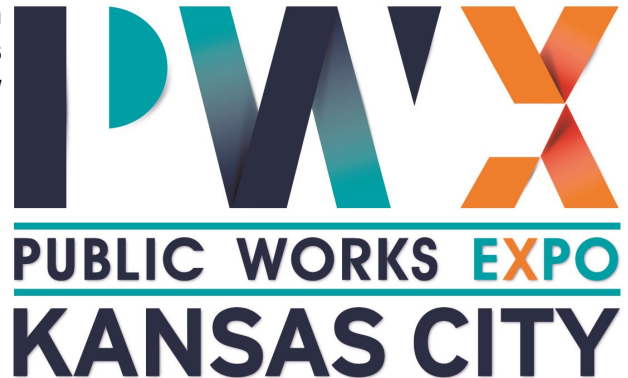
Summer is such a busy time for everyone and that goes for the KC Metro Chapter as well! Here are just the highlights of what the chapter has been doing since our last newsletter.... Consider following happenings like this on our [chapter Facebook page](#).



- Hosted the **Mid-Am eXPO (MAX)** - A huge thank you to Patty Hilderbrand (2017 Mid-Am eXpo Co-Chair) and all of the **MAX** committee chairs and volunteers that helped make this event so successful.
- Celebrated **National Public Works Week** with many activities, presentations, proclamations and of course the NPWW luncheon which was attended by nearly 600 public works professionals. – Thanks Dan Brown for chairing and all your work with this huge event!
- In conjunction with our celebration of NPWW, the Community Service and MoKan Committees grilled and brought out equipment for families to enjoy at the **Ronald McDonald House**.
- Community Service Committee also worked multiple days to build a wheel chair ramp for a needy family through the Johnson County Developmental Supports organization.
- Joint **Young Professionals (YP)** event with ASCE for tailgating and Royals game.
- KC Metro Chapter was just informed that we will receive the prestigious President's Award for Chapter Excellence (PACE) in Orlando at the 2017 PWX Awards Program! Congratulations!

Hopefully many of you are planning to attend the **2017 PWX** in Orlando, Florida in less than two months! If you have not attended in the past and are considering whether or not to attend, I would encourage you to check out these videos: [Video1](#) and [Video2](#) Hope to see you in Orlando! Our chapter dinner will be Tuesday night.

2018 PWX – The countdown continues for PWX to come to Kansas City!! In order to make this amazing event happen, we need Chapter agencies, firms and companies to step forward to be a **local Booster** for the event. Below is the current list of Boosters that have already made commitments and I encourage others to get their names added to this list of local leaders.



Public

DIAMOND Level Booster:

City of Kansas City, MO

PLATINUM Level Booster:

City of Olathe, KS

GOLD Level Booster:

City of Leawood, KS

SILVER Level Booster:

Johnson County Public Works

Private

PARTNER Level Boosters:

GBA

HDR

Olsson Associates

SUPPORTER Level Boosters:

Affinis

BHC Rhodes

Walter P. Moore

DELEGATE DETAILS

FROM JOE JOHNSON

Beginning in July voting will be open for National Board Members and President-Elect. Full-member participation is important to the future of our organization. **Notices have been sent so I encourage everyone to take time to vote.**



The KC-Metro Chapter along with Missouri, Kansas, Iowa and Nebraska survived the 2017 Mid-Am Conference. This year's conference was a success with members from all 5 Chapters attending. We also had great attendance at the luncheon for National Public Works week celebrating two TOP 10's with Patty Hilderbrand from the Metro Chapter and Larry Stevens from Iowa.

As many of you know, PWX is right around the corner with this year being in Orlando, Florida from August 27th through the 30th. Hope to see many of you there.

As part of this year's PWX, APWA will host the first National Equipment Rodeo on Tuesday, August 29th. There will be two backhoe competition events—pipe lift pin and the tennis ball challenge. Promotion and registration information have been sent to chapter presidents. Each chapter can register two participants to compete in the rodeo. Registration includes a half-day of education sessions, entrance to the PWX Expo floor, and lunch.

The **eLearning Program**, delivered through an online learning management system (LMS), has launched this month. The APWA Construction Inspection-Project Management program is available for sale through the APWA online store. A total of 24 courses are available individually, or bundled together as a program (at a discounted price). For more information contact Heather DelaCruz at hdelacruz@apwa.net.

The APWA **Government Affairs Committee (GAC)** completed the process of drafting public policy priorities for the APWA Board of Directors to be reviewed at their meeting at the end of June. The GAC work is focused on policy priorities document highlighting three primary policy areas of focus, along with a draft policy on transportation priorities and a draft policy on water resiliency. The GAC will continue working on a draft policy for the public works role in emergency planning and response over the summer and expects to submit that policy to the APWA Board of Directors in August. The policy priorities will be utilized for advocacy efforts in continuing to raise APWA's profile on Capitol Hill.

National membership is still on the rise at 29,739 members. The 2017 1st Time Members has brought 1,273 new members this calendar year with 172 from Canada.

At this year's PWX the Council of Chapters is taking on a different format for committees. While there will still be the need for some long-term committees the focus is more ad-hoc committees to make quicker recommendation on a topic and move quickly to implementation when warranted. More information to come after PWX.

As always, if you have an item that you want to bring before the Chapter or National, just let me know. I can be reached at jjohnson@burnsmcd.com.

We are looking for photos for the website picture reel!

Please submit photos you would like us to consider to

[Matthew Schmitz](#) or [Caitlin Gard](#).

Photos must be APWA related, un-cropped, and high-resolution.

Oroville Dam Underscores the Critical Nature of Infrastructure Inspections, Maintenance

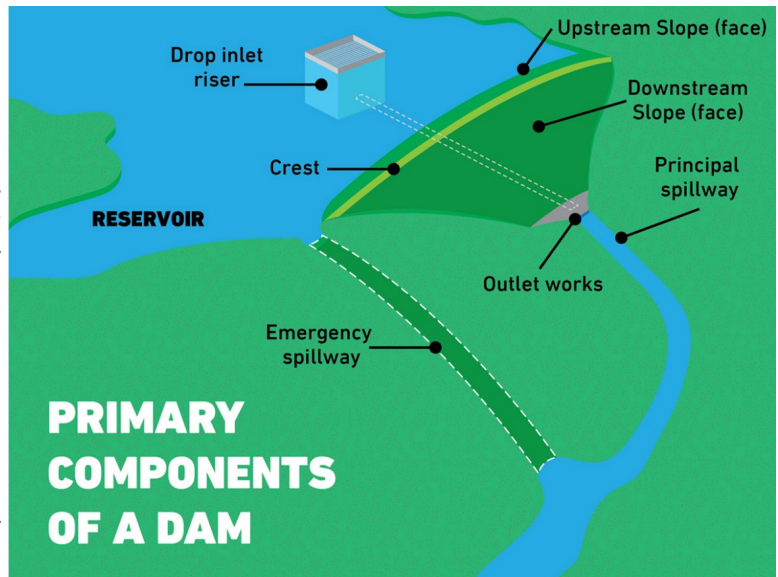
When news of the hole in the spillway of the Oroville Dam broke last February, newspapers featured infographics and explanations to answer readers' questions about how dams work and what this accident could signal for the stability and security of critical infrastructure. For stormwater engineer, Matt Eblen, there was a much larger question – how was a problem in the spillway, which was detected years prior, not substantially addressed?

As stormwater team leader at Shafer, Kline & Warren, Eblen inspects a number of dams annually to assess their integrity and maintenance needs. While he and others in the industry understand that paying for infrastructure projects through tax increases can be a hard sell, they also understand that improving or maintaining our critical infrastructure is no longer optional, and when infrastructure is not maintained, it puts lives at risk.

“When you see something like Oroville, I am wondering what happened to the inspections. Why weren't they acted upon? For any community that lives near dams, levees, dikes or other permanent implements that work to control the flow of water, this situation should really raise awareness of the importance of the inspections and maintenance on these key pieces of infrastructure, especially when there are cities and people downstream. It's almost impossible to overstate their importance,” said Eblen.

In Kansas, dam inspections are mandatory every three years for Class C high hazard dams, which are defined as dams where a failure could potentially cause loss of life, damage to more than one home or commercial facility, or impact a high-volume road. Inspections are required to be completed every five years for Class A and B hazard dams, which pose lower levels of risk in the event of a failure. During a dam inspection, an engineer documents and photographs the state of the dam on each side of the embankment, as well as the integrity of the principal and emergency spillways, then identifies any needed repairs.

“On the upstream side of the embankment, you look to make sure there is no erosion, and you look for any indentations or irregularities on the embankment,” said Eblen. “On the downstream side, you are looking for the same things, and you are also looking for signs of scour or seepage. You want to have good standing grass, that is mandated; however, if there is a really green patch of grass, that might be a sign of seepage.”



During dam inspections, engineers assess the integrity of the dam components and recommend needed maintenance on the upstream and downstream sides as well as the principal and emergency spillways. In Kansas, there are 6,403 dams, of which 276 are considered Class C high hazard dams.

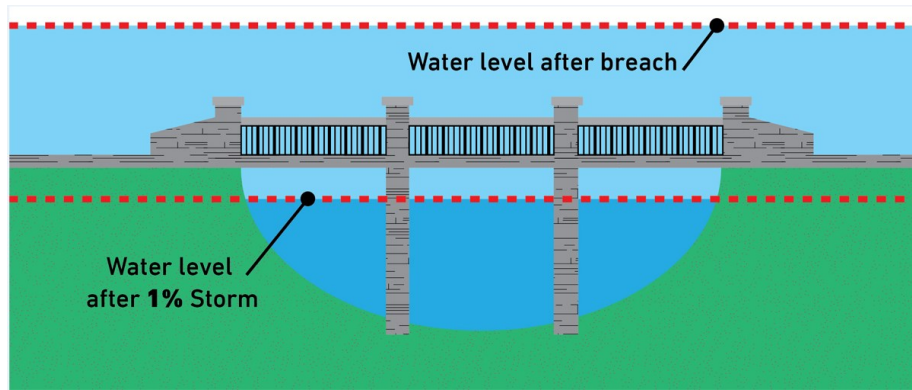
Eblen added that if there are trees or signs of animals burrowing into the dam, those are required to be removed as well. In Kansas, all dam inspections are required to be completed by April 30 each year, with repairs addressed within the following three years. One advantage of completing the inspections during the rainy season is that engineers are more likely to see if there is any seepage.

“Some of the maintenance on dams can be pretty simple, some can be pretty expensive, but when there are documented issues in the dam inspection, they need to be addressed,” said Eblen. “If there hasn't been a lot of water, for instance if there is a drought situation like there has been in California, it can be easy to forget about or delay the work, but the work has to be done or you end up facing emergency situations like Oroville.”

Eblen added that while the work required on dams can be expensive initially, the earlier issues are addressed, the more cost efficient the repairs. In addition to the mandatory inspections every three or five years, dams are required to have an emergency action plan, which outlines steps to be taken if there are problems with a dam, from minor issues up to a failure.

“You have what is called an inundation zone,” said Eblen. “If the dam were to fail, the inundation zone covers everything downstream that would be inundated with water. When you are looking at

Techno Minute, cont. from pg 4



If a bridge is located in the inundation zone and the dam were to breach, water levels could reach more than three to 10 times the water level created by a 1 percent storm.

To provide Eblen explained that a 1 percent storm

perspective on this, in the Kansas City metro, deposits eight to nine

inches of rain in a 24-hour period. For Oroville, because of the size of the dam, the inundation zone included the nearly 200,000 people who had to be evacuated when the spillway began failing. Officials estimated that a dam failure would result in a 30-foot wave impacting several cities.

“Water is a powerful element,” said Eblen. “When infrastructure works, it’s easy to forget and not notice it, but maintaining infrastructure for safety is imperative. These inspections protect people’s lives.”

California has 1,585 dams. In Kansas, there are 6,403 dams, of which 276 are considered Class C high hazard dams.

“Some of this infrastructure has been in place for 80 years, and water has been going over or through it,” said Eblen. “Water can cut into limestone. What do you think happens when it flows over concrete for that many years? Without proper inspection and maintenance, water always wins.”



About SKW:

Communities begin at Shafer, Kline & Warren (SKW). Since 1950, our surveying, engineering and construction services have helped clients make everyday life better, easier and safer. Our expertise provides comprehensive solutions for infrastructure in communities large and small. Learn more at skw-inc.com.

Have ideas for the webpage?

Contact our new webmaster!

Matthew R. Schmitz | Management Analyst / Right of Way Manager

Development Services Department, City of Shawnee, Kansas

11110 Johnson Drive, Shawnee, KS 66203 | O: 913.742.6270 | C: 913.633.8572 | F: 913.248.2314 | E: mschmitz@cityofshawnee.org

Olathe’s Public Works Department Receives Third APWA Re-Accreditation. Congratulations!

RECENT EVENTS

13th Annual BBQ Challenge and Membership Drive—June 16

The 13th Annual APWA BBQ challenge was held on June 16, 2017 at the Knights of Columbus Park in Shawnee, KS. The contest was hot and steamy for early June, and I'm not just talking about the delicious BBQ! Many thanks to our corporate event sponsors and to the 14 BBQ teams that competed in this year's contest!

As usual, the majority of the BBQ judges were Past Presidents from the KC Metro chapter. The participating teams were judged in the categories of sausage, chicken, ribs, and pork. This year's Grand Champions for the contest, and the recipients of the traveling BBQ Champions' trophy, was Blazing Cattles BBQ (Walter P. Moore). Clean Yourself Up BBQ (City of Olathe) earned the Reserve Grand Championship trophy, while last year's champion CFS BBQ Team (CFS Engineers) came in third place.

Other participating teams included: Up In Smoke (City of Olathe), Grease Monkey (City of Olathe), Second Hand Smoke (City of Olathe), Seriously Smokin' (Burns & McDonnell), Beats Workin' (TranSystems), GBA BBQ Team (George Butler Associates), Dunn Up BBQ (City of Leawood), Rub Me Tender (City of Shawnee), Terra Bull BBQ (Terracon), Affinis Swine Dining (Affinis Corporation) and All Smoke and Beers (Olsson Associates).

Corporate sponsors for this year's event were: Affinis, TranSystems, HDR, HNTB, TREKK Design Group, City of Leawood, GBA, Terracon, Burns & McDonnell, Olsson Associates, HG Consult, Walter P. Moore, and BHC Rhodes.



Dinner was served to approximately 150 people following the contest barbecue judging. Congratulations and Thank You to the APWA BBQ Committee for organizing another great event! See kcmetro.apwa.net for photos from this year's contest.



Grand Champion – Blazing Cattles BBQ team sponsored by Walter P. Moore



Reserve Grand Champion – Clean Yourself Up BBQ sponsored by City of Olathe.



Future APWA member enjoying a rib



Teams selecting the best of the best for judging



Judges hard at work!

2017 National Public Works Week

Lee's Summit Public Works Employees Visit Highland Park Elementary School

On May 19 (the week before National Public Works Week because that was the last full day of classes) staff from the Lee's Summit Public Works Department and past chapter/national APWA President Larry Frevert met with the students of the three combined third grade classes of Highland Park Elementary School in Lee's Summit.

Frevert and Public Works Construction Manager Mike Anderson, met with half of the students and explained how public works helps make their lives better while Gaylend Ball, Tim Owings and Jeremy Young of the Lee's Summit Public Works Operations team met with the students in the parking lot and explained operation of a truck mounted snow plow and spreader, bucket truck and skid steer loader. The nine and ten year olds had lots of questions and certainly enjoyed interacting with Gaylend, Tim and Jeremy and getting to climb around on the equipment and "honk the horns!"

This was the second such community interaction for the Lee's Summit staff as Mike had taken a team to Our Lady of the Presentation Elementary School earlier in the week.

Thanks to Highland Park Elementary School's Third Grade Teachers Alyson Fortney (who coordinated the visit), Julie Hagglund and Maggie Miller. Also, a "shout out" to these public works professionals for helping these taxpayers of tomorrow to understand the importance of public works in their everyday lives.



Jeremy Young and Tim Owings explain field operations to the third graders



Gaylend Ball shows the third graders how a skid street loader works



Tim Owings describes a snow plowing operation



A third grader climbs behind the wheel of a public works vehicle



Mike Anderson explains construction engineering to the students



Larry Frevert explained to the third graders how public works enhances their lives

UPCOMING EVENTS

2017 APWA KC Metro Chapter Golf Tournament

Thursday, September 21, 2017

Shoal Creek Golf Club, 8905 N Shoal Creek Pkwy, Kansas City, MO 64157



7:30 Breakfast/Registration, 8:30 a.m. Shotgun Start,
Buffet Lunch & Awards Following Golf

Indicate your level of sponsorship and mail with your check
payable to KC Metro APWA to:

KC Metro APWA
C/O: Intertek-PSI
Jennifer Guthrie
1211 W Cambridge Cir Dr
Kansas City, KS 66103

Sponsorship Level	Amount	Company Name
Tournament Sponsor	\$1,250	
Player Gift Sponsor	\$1,000	
Breakfast Sponsor w/Foursome	\$750	Walter P Moore, 1 more available
Bloody Mary / Baileys & Coffee Sponsor	In-Kind	
Lunch Sponsors w/Foursome	\$750	
Beverage Cart Sponsor	\$500	
Hole Sponsor w/Foursome	\$525	13 available
Golf Foursome Only	\$450	
Individual Golf Only	\$125	

Contact Name: _____

Phone Number: _____

E-mail: _____

Receipt of payment confirms your sponsorship.

If you have questions, please contact Jennifer Guthrie, (913) 620-1764

Player Names – Please provide player names with organization/company. Indicate all known at this time. Full player rosters will be confirmed the week of September 10.

**Public Works Institute
Module IV – Leadership Skills
October 24-26, 2017
Overland Park, KS**

Module IV – Leadership Skills of the KC Metro Chapter's Public Works Institute will be held October 24-26, 2017 at the Fire Training Center in Overland Park, KS. Registration will be open from September 4-22, 2017. More details can be found on the KC Metro Chapter's Website: <http://kcmetro.apwa.net/EventDetails/12422> and in the September edition of the PubNews. Additional details will be provided as well as registration available on the website as time for the PWI gets nearer.

In the meantime, direct questions to the Chapter's PWI Director Larry Frevert at lwfrevert@gmail.com

Save the Date

Holiday Party

12.12.17

Spread the word about your good works!

Has your organization volunteered time or provided resources to help out others? If you'd like to highlight your outreach event, send information to the Pub News editor, Caitlin Gard, via e-mail: cgard@cityofshawnee.org. Photos are encouraged.

KC Metro Chapter Committee Needs

Looking for a way to get involved in APWA? The Chapter has several opportunities to choose from with over 30 active committees. Please contact the committee chair listed directly. Committee information can be found on the website: www.kcmetro.apwa.net.

NEW MEMBERS

Jacob Deiter, Burns & McDonnell

Robert Heim, Platte County

Nathan Hladky, Phelps Engineering

Monte Johnson, City of Belton

Jason Kemnitz, MODOT

Blake Madden, City of Osawatomie

Jeff McGill, City of Raytown

Max Mossman, City of Shawnee

William Neds, HDR

AJ Rahman, Intertek PSI

Mike Ward, VSM Engineering

CHAPTER LEADERSHIP

KC APWA 2017 OFFICERS

President - Rob Krewson
Vice President - Jason Meyers
Secretary - Shawn Graff
Treasurer - Dan Brown
Past President - Bill Stogsdill
Director (2nd Year) - Kyle Dieckmann
Director (2nd Year) - Tim Morgan
Director (1st Year) - Cory Clark
Director (1st Year) - Alysén Abel
Director-At-Large - Bill Billings
Delegate - Joe Johnson

The APWA Pub News, a free publication of the Kansas City Metro Chapter of the American Public Works Association (APWA), is published in six issues throughout the year. To receive a free subscription, send an e-mail to cgard@cityofshawnee.org with "Beam Me Up!" in the subject line.

Publisher: Kansas City Metro Chapter of APWA
Editor: Caitlin Gard
Staff: Rob Krewson

INTERESTED IN WRITING FOR THE APWA PUB NEWS?

The Pub News staff welcomes announcements, news articles, photos and suggestions. A new issue will be published in May. The deadline for the next issue will be Friday, August 25, 2017. Deadlines will be strictly enforced. Electronic formats are preferred, but not required. Send your stories to Caitlin Gard via email to cgard@cityofshawnee.org.

POLICY FOR THE USE OF THE APWA PUB NEWS, WEBSITE AND ELECTRONIC MAILING LIST

It shall be the policy of the KC Metro Chapter that the use of the "APWA Pub News, Website and Electronic Mailing List" by outside agencies shall abide by the following:

- Outside agencies, educational institutions, and not-for-profit organizations may utilize the Chapter's website for dissemination of approved items that are considered beneficial to our membership.
- Approval of these items may be granted by the Chapter President, the Newsletter Editor and the Website Committee. When requested, announcements from other organizations may be posted on the Chapter's website under "News" if the Newsletter/Communications Committee is provided electronic announcements in a format that can be posted without modification or editing.
- The Newsletter/Communications Committee may use the chapter's electronic mailing list for announcements to KC Metro Chapter members when the topic is related to an APWA activity or event. However, an announcement will not be sent before the Chapter event has been posted on the KC Metro Chapter website.

This policy was approved by the Executive Committee on November 19, 2008.

APWA 2017 COMMITTEE CHAIRS

Audit & Budget - Alysén Abel
Awards - Tony Meyers and Becky Bonebrake
By-Laws - Bill Stogsdill
Chapter Meetings - Joe Burgett
Communications and Publicity - Caitlin Gard
Community Service - Shawn Graff
Diversity - Abdul Yahaya
Education & Training - S. Joji Calabro
Emergency Management & Homeland Security (PET) - Scott Ward
Emerging Leaders - Kati Horner Gonzalez
Engineering & Technology - Michael Haake
Facilities & Grounds - Tom Audley
Fleet Services - Howard Mann
Golf Tournament - Tawn Nugent
Governmental Affairs - Travis Levitt
Historical - Ernie Longoria
Holiday Party - Julie McNiff
K-12 Student Outreach - David Smalling
Leadership & Management - Nick Arena
Membership - Matt Spencer
Membership BBQ & Steak Fry - Brian Ladd
MidAmX—Patty Hilderbrand
Mo-Kan Public Works Association - Bill Billings
Myron D. Calkins Scholarship - Shannon Jeffries and Phil Herrman
Myron Calkins Symposium—Tim Ross
National Public Works Week - Dan Brown
Nominating Committee - Bill Stogsdill
Past President Committee - Bill Stogsdill
Snow & Equipment Training Expo - Chris Porras
Standards & Specifications - Dena Mezger
Student Chapter - Aaron Castro and Tim Cope
Sustainable Infrastructure - Ann Schroer and Brenda Macke
Transportation - Jaclyn White
Utility & Public Right-of-Way - John Cooper
Water Resources Management - Chad Johnson

Appointments, Liaisons, and Coordinators

ACEC-APWA Liaison - John Skubal
Calendar/Events Coordinator - Kathy Ruth
Joint Engineers Council - Howard Lubliner
MCIB/KCMMB - Todd LaTorella
Solid Waste Management - Lisa McDaniel

For contact information, visit: <http://kcapwa.net>