

Volume 41 Number 5

September 2017

IN THIS ISSUE

WHAI S INSIDE
President's Perspective2
Delegate Details2
Techno Minute4
Recent Events5
Upcoming Events6
New Members9
Other Announcements 10
Chanter Leadershin 12



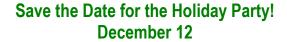
See Page 7 for Details

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

See Page 6 for Details

2017 PACE AWARD RECIPIENT

21 YEARS IN A ROW!



See Page 9 for Details



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
Trekk
SKW
TranSystems
HNTB

PRESIDENT'S PERSPECTIVE

FROM ROB KREWSON

Our hearts ache for the communities in southeast Texas and many areas in Florida that are reeling from the effects of two devastating hurricanes in the last month. Our fellow public works brothers and sisters in these communities will once again prove we are the "First to Respond and Last to Leave".

As the effects of Hurricane Harvey were wreaking havoc on Houston and much of Southeast Texas, many from our chapter were attending PWX in Orlando. As always, the 2017 PWX provided a great opportunity to learn what other agencies are doing to solve challenges in their communities, re-charge with motivating speakers and my personal favorite: the opportunity to socialize with fellow members from Kansas City and around the world!



In addition to the education sessions and time on the exhibit floor, the Chapter was also very well represented at the PWX Awards Program. Congratulations again to our award recipients.

- o Patty Hilderbrand was recognized as a Top 10 Public Works Leader.
- Kansas City Downtown Streetcar received the Project of the Year, Transportation greater than \$75 Million
- o Kansas City Smart City Infrastructure received the Technical Innovation Award
- o And the Kansas City Metro Chapter received our 21st consecutive President's Award for Chapter Excellence (PACE) which is the more than any other chapter!

Affinis

Walter P. Moore

The closing session in Florida also officially kicked off the push for the 2018 PWX right here in Kansas City! While we are well on our way to hosting the best PWX yet, there is much to do. So if your agency, firm or company has not yet stepped up to be one of our local 2018 PWX Boosters, please contact me so we can get your name added to our growing list. We are so fortunate to already have several pace setting Boosters. The list of Boosters that have already made their commitments includes:

Public Private

DIAMOND Level: PARTNER Level:

City of Kansas City, MO GBA **PLATINUM Level:** HDR

City of Olathe, KS Olsson Associates

GOLD Level: TranSystems

City of Leawood, KS SUPPORTER Level:

SILVER Level: City of Lee's Summit Works **BHC Rhodes**

36th Annual Chapter Golf Tournament – September 21st at Shoal Creek

Johnson County Public Works

We also have some very important upcoming events:

2017 Mid-America Snow & Equipment Expo – October 2-6 at New Century Airport

Public Works Institute, Module IV – Public Works Leadership Skills – October 24-26 at Overland Park Fire Training Center

DELEGATE DETAILS

FROM JOE JOHNSON

I want to start off reminding everyone of the destruction and flooding that the south and east coast have sustained with the recent hurricanes. Please keep all those impacted by these storms in your thoughts as they move forward rebuilding their communities.



Delegate Details... cont from pg 2

The 2017 PWX in Orlando was a great event with many Kansas City Metro Chapter members attending. The Management Committee for the 2018 PWX learned a lot from the Florida Chapter as we prepare to host in Kansas City. We will need many volunteers and are working to setup the volunteer web site. Once the site is set notices will be sent to sign on. We need 400 volunteers so be ready to participate in this event.

The Council of Chapters met prior to PWX and improved the way committees are formed and function. The Steering Committee worked with National to have more focus groups and task forces to respond quicker to topics and shorten the time frame these groups meet to resolve an issue. The Steering Committee also worked with National on developing topics that align with APWA's strategic plan. This helps in keeping everyone on track with the mission of APWA.

Some of the topics discussed this year were:

- 1. APWA Chapter Education and Training Focus Group
- 2. YP/Emerging Professional Task Force
- 3. Student Outreach and Marketing Focus Group
- 4. Social Media Advocate Focus Group
- 5. Public Works Institute Focus Group
- 6. National & Chapter Scholarship Focus Group

This new format was received well with all the delegates and felt it allowed the different groups to accomplish more than in the past.

In its new role, the APWA Government Affairs Committee (GAC) has been working diligently drafting public policy priority statements. During its recent meeting, the APWA Board of Directors reviewed and approved two policy statements drafted by the GAC. The first is a priorities highlight document which declares the following public policy priorities for APWA: *Infrastructure Financing and Funding; Provide for Transportation Infrastructure; Support Water Resiliency; and, Recognize and Support Emergency Management Response*. The policy to Provide for Transportation Infrastructure was also approved. The GAC continues its work on the other three public policy priority documents and will provide those to the APWA Board of Directors for review during its meeting at PWX in Orlando.

MEMBERSHIP

- Total number of members = 29,827. That represents a 2.02% increase compared to same time last year and a 0.3% increase (88 members) compared to the previous month.
- The 2017 "1st Time Member" special offer campaign has brought in 1,494 new members so far this calendar year; 181 of those are in Canada. That 1,494 is about 4% (53 members) higher than same time last year. This campaign allows anyone who has not previously been a member to join APWA for \$95 USD.
- o The Chapters current membership stands at 766. So far this year we have been able to continue to grow our membership.

APWA Technical Committees – Explained!

The American Public Works Association has several volunteer committees to assist in the management of the association and its work. The most substantial of these are the Technical Committees that deal with specific public works areas. APWA Technical Committees are the "centers of expertise" for the assigned subject areas, and their primary purpose is to provide direction and oversight to programs, services and products within the technical area of expertise in support of the strategic plan and APWA goals and objectives.

Technical Committees are responsible for articles in every issue of the Reporter, PWX/Snow Conference presentations, Click, Listen & Learn webinars, APWA Publications, and supporting APWA Certification programs for fleet, stormwater and construction inspection.

If you want to serve on a technical committee please contact National and they can assist you with one of the 9 committees; Emergency Management, Engineering and Technology, Facilities and Grounds, Fleet Services, Leadership & Management, Solid Waste Management, Transportation, Utility and Public Right-of-Way and Water Resources Management.

TECHNO MINUTE

An Innovative Approach of Unmanned Aerial Systems

By: Jim Jarrett, P.E., Vice President/Principal, GBA and Corey Hampton, Director of Marketing, GBA

The unmanned aerial systems (UAS) industry suffers from an identity crisis. The term drone and unmanned aerial vehicle (UAV) is often used interchangeably. As the technology matures, it is more accurate to consider the integration of the pilot, controls, vehicle, sensors and the processing of the data as a system. As a pioneer in this technology, GBA is utilizing an innovative approach for the use of unmanned aerial systems (UAS).

Beyond dull, dirty or dangerous

Peter W. Singer characterized UAS as appropriate for dull, dirty or dangerous missions. From an engineering standpoint, a UAS fulfills those purposes and more as they become part of the tool set in engineering.

In August of 2016, the FAA introduced rules to acquire a remote pilot certification for commercial operations. Soon after, GBA conducted training for employees interested in operating Unmanned Aerial Systems to enhance their technical abilities on projects. The training focused on safe operations and guidance to follow FAA regulations. All participants passed the test and obtained certifications to operate UAVs. An intensive hands-on flight instruction program is now being conducted on a regular basis to GBA employees and others who plan to seek certification to fly UASs.

GBA has been providing innovative engineering and architectural solutions since 1969. GBA serves several market sectors including transportation, water environment, buildings, site development, commissioning, systems integration and construction management. When it comes to UAS use in engineering, the future is already here.



Sara Peters, P.E., a civil engineer, working on a line of sight project was the first of our certified employees to Engineer/Remote Pilot a UAS in the field following our training. A line of sight study normally requires the coordination of bucket trucks and tower climbers. By deploying the UAS it significantly reduced risk and added value to the process.

"We shortened the field investigation time by half and were able to report our findings in a more direct, clear manner supported by pictures and video. As a remote pilot, I not only have a full understanding of the technology and regulations, but I can deliver a rapid response to our clients."

- Sara Peters, PE, gbaSI

Bridge Deck Delamination

Sean Baxter, E.I.T. / Remote Pilot, is part of the bridge inspection team. In his role, he is looking for deck delamination, which occurs when the surface concrete begins to separate from the base structure. The typical method for detecting delamination is chain dragging. The chain creates a hollow sound where delamination exists. Repairing delamination early saves money, but shutting down a roadway lane for inspectors to conduct chain dragging slows traffic and creates a safety issue for workers.

An UAS with an infrared sensor can spot delamination from the air. The aerial images can be downloaded into AutoCAD or MicroStation to produce "to-scale" repair plans. The UAS output allows for precise drawings to be produced.

"I don't have to stand in traffic putting myself and drivers in danger. Traffic continues to flow and the results are easy to explain to our clients."

Sean Baxter, E-I-T / Remote Pilot

Land Surveys for Real Estate

Justin Oakley, Survey Crew Chief/Remote Pilot, conducts land surveys and facility mapping. This is a time-consuming process that often includes methodical tasks, like counting parking spaces or measuring distances and angles between designated points.

Cont. on pg. 5

Techno Minute... cont from pg 5

To support a real estate transaction for a large shopping center in Independence, Missouri, an ALTA survey was needed quickly to meet a tight closing schedule. The size of the site and amount of detailed field information required made it challenging for a traditional field crew to complete the survey on time.

Using the high quality camera to shoot overlapping images, GBA's UAS team captured the field data and then used UAS software to complete a high-resolution, highly accurate ALTA survey.

Combining its UAS technology with office staff expertise, GBA produced a survey that contained more accurate, more complete information along with a high resolution low altitude aerial image, completed within the compressed schedule.

UAS is fully integrated into GBA's overall practice. The firm regularly tests UAS technology side-by-side with the standard methodology to determine new applications that might create efficiencies and deliver superior results. GBA will remain at the forefront of the industry, continuing to explore new ways to use UASs while delivering access to ever-more-innovative possibilities to our clients.

RECENT EVENTS

APWA Education and Training Committee

Burns & McDonnell hosted a Bike Corridor Design presentation on July 26th. This event brought together over 30 attendees from the public and private sectors, each receiving an hour of professional development.

This seminar provided a high-level education of the issues related to bicycle facility designs. The presenters discussed on-street bicycle facilities design, transitions between onstreet and off-street facilities, and off-street shared-use path designs. Best practices and case studies were also discussed to demonstrate successes and failures.

On-street bike facilities included an overview of terminology, applications, and standards, followed by a discussion of:

- Basics of On-Road Facilities (What it is, who is the user, Pros/Cons)
- o Terminology and Standard Design Practices
- Evaluating and Balancing the Impacts (Parking, Capacity, Safety)
- o Case Histories (New Construction and Retrofit)



During the off-street facilities discussion, design issues covered included guidelines such as AASHTO and ADA, intersections, wayfinding, drainage, pavement types, sidepath law, recreational facility liability, and access management.

Ron Schikevitz presented on-street facilities. Ron is a principal and is the Municipal Design manager in the Transportation Practice at Burns & McDonnell. He has 32 years of experience in the planning, design, and construction of a wide variety of street and highway projects, most of which in the Kansas City metropolitan area.

John Zimmermann presented off-street facilities. John is an engineer with TranSystems and has worked on trails and bike/ped facilities throughout his 27 year career. He has planned more than 400 miles of shared use trails, including citywide plans of Kansas City, Belton, and Carthage.

UPCOMING EVENTS

Public Works Institute Scheduled—Public Works Leadership Skills



Presentation of Public Works Institute Module IV, Public Works Leadership Skills, has been scheduled for October 24-26, 2017 at the Overland Park Fire Training Center, 12401 Hemlock, Overland Park, KS 66213.

The agenda for this training will include:

- People Styles
- o Leadership Core Competencies
- Creating Partnerships
- o Relations
 - Employee
 - Public/Citizen
 - Council
- o Leveraging Resources

- o Succession Planning
- o Professional Development
- o APWA Self Assessment
- o Cultural Awareness and Community Service
- o Defining Public Works Leadership Excellence
- o Process Skills

Registration fee for this event will be \$250 each, which includes three days of training, a workbook containing a copy of all presentations, three continental breakfasts, three hot lunches, beverages/snacks and an attendance certificate.

Registration is on-line at http://kcmetro.apwa.net/EventDetails/12422 from September 4-22, where a complete training agenda and driving directions to the Overland Park Fire Training Center can be found.

Questions can be directed to Larry Frevert, PWI Director, at wfrevert@gmail.com or 816.582.9236.

**REGISTER BETWEEN MONDAY, SEPTEMBER 4 THROUGH FRIDAY, SEPTEMBER 22*

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:

Walter P Moore Attn: Dan Brown/APWA 920 Main St, 10th FI Kansas City, MO 66105

\$1,250	GBA		
\$1,000	# 13		
\$750	Walter P Moore, Ace Pipe Cleaning		
In-Kind	Corrective Asphalt Materials		
\$750	HDR, Olsson Associates, Terracon, TREKK		
\$500	BHC & Intertek/PSI		
\$525	1 available		
\$450	2 available		
\$125			
Contact Name: Phone Number:			
E-mail:			
	\$1,000 \$750 In-Kind \$750 \$500 \$525 \$450 \$125		



Volunteers Needed!

We need volunteers to help make this year's Public Service Career Expo a success. APWA members can be extremely helpful in staffing career booths in the various fields of public works, engineering, water/wastewater, aviation, traffic specialists, fleet maintenance, utilities, etc. For more info or to sign up as a volunteer, contact Caitlin Gard at cgard@cityofshawnee.org

Wednesday, Nov. 8, 2017 9 a.m. - 2 p.m. **Bartle Hall Convention Center**

Explore Careers

Connect with
Employers

CareerExpo2017.org



Save the Date Holiday Party 12.12.17

2016 Main Event Space 2016 Main

KCMO 64108 http://www.2016mainkc.com/

Cash bar and beverage service. Buffet Dinner by Brancato's Catering

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

Michael Blake, Hippo Multipower
Chad Bushness, K&W Underground, Inc.
Nathan Cooper, Hippo Multipower
Brad Elledge, City of Grain Valley
John Fitzpatrick, GBA
Matt Graviett, GBA
Damon Hodges, City of Raytown
Ryan Hon, US Corps of Engineers
John Huss, Shafer Kline & Warren

Sam Martel, GBA
Tawn Nugent, TREKK
John Papayoda
Mark Pearson, Shafer Kline & Warren
JD Reitinger, Bartlett & West
Rex Schick, K&W Underground
Jason Weber, Kansas Turnpike Authority
William Welsh, City of Grain Valley
Peter Young, Lochner

OTHER ANNOUNCEMENTS

APWA KC Metro Chapter Fall 2017 Awards

This is a reminder that the following award applications are due October 27, 2017.

We all know people we work with who are deserving candidates.

Please submit their names or give them an application.

Please submit applications via e-mail to: awardsapwa@gmail.com

Applications for the Fall 2017 Awards are available from the KC Metro Chapter Website by clicking on the following link: http://kcmetro.apwa.net/c/awards/.

- Field Supervisor Excellence Award
- Operations Program Excellence Award
- Public Works Excellence Award
- Excellence in Public Works Publication Award
- Samuel A. Greeley Local Service Award
- Ken Cardwell Heart of America Award

Field Supervisor Excellence Award (APWA membership is not required for recognition)

Recognizes outstanding leadership and dedication in the operation of public works related field activities, whereby their services and achievements have had a positive effect on the efficiency and effectiveness of governmental operations and has improved the quality of life for those who live and work within that community. The 2016 award winners were Donnie Cordonnier of Saint Joseph and Chuck Walston of Shawnee.

Operations Program Excellence Award (APWA membership is not required for recognition).

Recognizes outstanding public works operation programs which improve the efficiency and effectiveness of governmental operations and which improves the quality of life for those who live and work within that community. City of Saint Joseph's Project Clean Sweep won in 2016.

Public Works Excellence Award (APWA membership is not required for recognition)

To acknowledge excellence and dedication in *public service* by recognizing the outstanding achievements of an individual public works employee. The 2016 award winners were Jeff Martin and Susan Moseley of Kansas City Missouri.

Excellence in Public Works Publication Award (APWA membership is not required for recognition)

NEW in 2016 To recognize articles or books published in the field of public works that has made a possitive contribution to the field. The award is meant to provide encouragement and recognition to field professionals and historians whose research and publications have made outstanding contributions to the field of public works. "Windows of the City" by Dennis Garrett received the first ever publication award in 2016.

Samuel A. Greeley Local Service Award

Recognizes individuals with 30 years of continuous employment in public and/or private service and at least 15 years of continuous APWA membership.

Ken Cardwell Heart of America Award

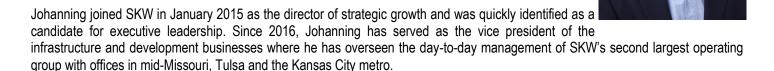
This prestigious award recognizes individuals who have served the Chapter in an exemplary manner and through their efforts have bettered the public works community. The 2016 award winner was Chuck Williams. Please present your nomination for this award to a KC Metro Chapter Executive Board member or a Awards Committee Chairperson by October 13, 2017.

Winners of the KC Metro Chapter Fall Awards will be recognized at the Chapter Holiday Party in December.

SKW promotes Brian Johanning to President

The leadership transition plan that began in 2015 culminates with Larry Graham, P.E., P.L.S., taking on a corporate role focused on risk management.

Lenexa, Kansas (July 17, 2017) – Renowned for engineering and land surveying since 1950, Shafer, Kline & Warren (SKW) announced today the promotion of Brian Johanning to president of the firm's infrastructure and development businesses.



"Brian's vision and enthusiasm for SKW's future is reflected in the way he approaches every project and opportunity here," SKW CEO Ron Petering said. "We're excited to see this leadership transition come to a close and I am confident that this area of our business will thrive under Brian's leadership."

As Johanning moves into the role of president, Larry Graham, P.E., P.L.S., transitions into a corporate role that will focus on the company's risk management practices. SKW expanded into small scale construction in 2016, which has been an important growth initiative for the firm. Graham's new role will be focused on optimizing the firm's safety program, quality control and risk mitigation efforts in this new market, as well as their established professional services markets. He will also continue to provide leadership for the firm's land surveying practice.

Johanning's career is built on a background in construction and real estate. His experience with infrastructure engineering and construction includes private site work and public transportation. Before joining SKW, he served regional contractor, Emery Sapp & Sons as an estimator, project manager, and then as director of business development. His understanding of how financial and construction risk affect short-term and long-term infrastructure investment greatly influences how he approaches managing relationships with clients, partners and peers alike.

"I'm humbled by this opportunity to serve our employees and clients. Our team has been working hand-in-hand with our current ownership group to make this transition as smooth as possible. With this in mind, we are excited to start a new era at SKW and build on the history of success we have enjoyed since 1950."

Originally from Columbia, Missouri, Johanning earned his bachelor's degree from the University of Missouri–Columbia and a Master of Business Administration from Rockhurst University. He is also credentialed as a LEED Green Associate and an Associate Design-Build Professional.

About SKW:

Communities begin at Shafer, Kline & Warren (SKW). Since 1950, our suite of surveying and engineering 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.

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) - Ben Will
Director (1st Year) - Cory Clark
Director (1st Year) - Alysen 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, October 27, 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 - Alysen 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 - Linda Rottinghaus

Utility & Public Right-of-Way - Matthew Schmitz

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://kcmetro.apwa.net/