

Volume 41, Number 2

March 2017

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March Chapter Meeting (Joint meeting with ASCE)
Presentation: Implementing Envision for More Sustainable Public
Infrastructure Projects

Wednesday, March 15, 11:30 AM

See page 5 for details.



Public Works Institute April 4-6

\*sign up by March 24

See page 7 for details.

## 2016 PACE AWARD RECIPIENT

20 YEARS IN A ROW!



The **Myron D. Calkins scholarship** application period is now open! Applications due by April 7. See page 9 for more details.

## **2017 ANNUAL PARTNERS**

The 2016 annual partnership program was such a success that we will be bringing it back for 2017! If you were a partner in 2016 and want to be a partner again, or if you did not get signed up last year and you would like to give it a try this year, contact Jason Meyers for more information: <a href="mailto:jmeyers@burnsmcd.com">jmeyers@burnsmcd.com</a>. Don't miss out again on this great opportunity!

## PRESIDENT'S PERSPECTIVE

FROM ROB KREWSON

Obviously spring has sprung and spring fever is spreading about as fast as the cold and flu season we are hopefully leaving behind! There is lots to talk about, but I will do my best to be brief because who has time to read my "perspective" when there is so much more newsletter to go!

<u>February Chapter Luncheon</u> – Lee's Summit is obviously a great spot for chapter meetings, because this is the second year in a row that Lee's Summit has hosted a "sell out" crowd at their facility with Jackson County providing an update on their Rock Island Rail and Trail corridor. A big **thank you** to Dena Mezger and the Lee's Summit Public Works Department for hosting!



<u>Updated Standard Construction Specifications Adopted!</u> – After MUCH hard work by many chapter members and our consultant team, the first comprehensive update of the construction specifications in as long as anyone can remember was approved by a unanimous vote of the members in attendance at the February luncheon. Congratulations to the specifications committee and its chair Dena Mezger for seeing this across the finish line after YEARS of effort! We hope all member agencies will find value in this update and many will take this opportunity to review and adopt these specifications.

<u>Chapter Leader Training</u> – The KC Metro Chapter sent six of our chapter leaders (Alysen Abel, Bill Billings, Kyle Dieckmann, Katie Horner-Gonzalez, Shawn Graff and Tim Morgan) to attend the Leadership Training workshop "Putting the Pieces Together" facilitated by APWA National staff on February 16-17 at the Kansas City Marriott Downtown.

Upcoming Events and Activities:

<u>Joint APWA-ASCE Luncheon</u> at Californo's on March 15 – "Implementing Envision for More Sustainable Public Infrastructure Projects"

<u>Public Works Institute</u> – Public Works Management Fundamentals – Larry Frevert along with many Public Works leaders from around the region will again be investing in our front line staff April 4 – 6 at the Midwest Public Risk Authority in Independence.

<u>Award Luncheon</u> – Congratulations to all of our Chapter award recipients who will be recognized for their accomplishments at the April luncheon! These award winners have now been nominated by the Chapter and submitted to National APWA for consideration. Good Luck!

<u>2017 Mid-Am eXpo</u> – Registration is OPEN for the rebranded MAX to be held at the Overland Park Convention Center May 24-26. This tri-annual gathering of our five Heart of America Chapters (IA, KS, KC Metro, MO and NE) is a "**must attend**" event. I will see you there!

Well, I intended to be brief, but hard to do when there is so many great things happening in this chapter!



2018 PWX—Hard to believe but we are less than 18 months away from hosting PWX in Kansas City! To make this amazing event happen, we need our Chapter agencies, firms and companies to step forward to be a <u>local Booster</u> for the event. I wanted to take a moment to recognize the Boosters that have already made their commitments and encourage others to get their names added to this growing list of local leaders.

Public Private

GOLD Level Booster PARTNER Level Booster SUPPORTER Level Booster

City of Leawood, KS GBA Affinis

HDR BHC Rhodes
Olsson Associates Walter P. Moore

## **DELEGATE DETAILS**

The Council of Chapters' 2017 winter meeting to place Thursday and Friday, February 16-17 2017 in Kansas City. More than 80 chapter and branch leaders from 68 chapters attended this two-day training and networking program. The National Board is working on updating the strategic plan and adopting it in the near future. The plan will include specific tasks for each of the strategic initiative with some of the tasks being taken on by the Council of Chapters. As we move closer to PWX this year more information will be forthcoming on the strategic plan and what is needed to move it forward.



Spring for APWA is always the time of year when nominations are accepted for national appointments to committees, election of regional directors and president-elect. APWA is issuing a call for nominations for Committee appointment for the year August 2017 – August 2018. The closing date for nominations is March 22, 2017. The Kansas City Metro Chapter has always been well represented at the National level. To be considered for appointment under President-Elect Bo Mills, you must be an APWA member and either self -nominate or be recommended by another APWA member/chapter and complete a brief bio form online. Learn more about National Committees or to nominate logon into APWA go to MyAPWA and then click on the "National Nomination" button.

As with any organization membership is always a topic of discussion. Membership at the National level is 29,376. That represents a 1.81% increase compared to same time last year and a 0.30% increase (89 members) compared to the previous month.

As always it is a pleasure to serve as the Chapter's Delegate. If you have a topic you want the Executive Committee or Council of Chapters to discuss please let me know.

## TECHNO MINUTE

## Paper, what? Changes in the Business of Construction — from Mark O'Connor

Updating smartphones keeps people within hands reach of the latest technology. These life-changing technologies are touching every industry. With new technologies follows a changing workforce, influencing the business side of construction. Companies and organizations recognize these changes and are placing the footings for paperless environments.

The Federal Highway Authority (FHWA) has coined the term e-Construction to define the paperless construction administration process. FHWA indicates that "the proposed e-Construction system is supported by many tools and practices that currently exist to improve communication and make construction management practices more efficient." Many agencies and vendors who have adopted



construction management practices more efficient." Many agencies and vendors who have adopted paperless practices and services, such as secure Internet bidding and mobile field inspection, are pocketing the cost-saving benefits.



While this industry trend isn't new, the early adaptors are further embracing paperless processes and paving the way for other agencies and contractors. Dr. Thomas P. Rothrock, President of Info Tech, Inc., a computer software firm that provides software and services for e-Construction, said, "This replaces a paper-based process that was inconvenient and error-prone."

We all know, construction projects have been managed largely through paper-based document delivery methods since the beginning of recorded history. This

method has always been prone to errors and delays. Only one person can work on a document at a time.

Additionally, there are new complications with this method because of the large number of stakeholders and the complexities of construction projects. Documents can easily get damaged, lost, or be forgotten. In-person delivery takes time. As a result, keeping accurate records, maintaining up-to-date information, and meeting deadlines often proved challenging. The system—as it was—was neither effective nor cost-efficient. Hence, the much needed change, but let's not forget about mobile.

## **Techno Minute Cont.—continued from page 3**

By bringing the entire administration process online, e-Construction nullifies many of those issues. Web-based services enable transparency between stakeholders, simple uploading, digitally filing and sharing documents in real-time. Whether one is collecting information from field books, working on change orders, or submitting an RFI, these services offer templates, tools for review, and a system for online submission from any location. This is especially important due to the increased pressure for accelerated project delivery.

The emerging workforce has capitalized on technology to be smarter, simpler, and ultimately, faster. Much like the release of CAD in the 80s eliminated paper in drafting rooms, eConstruction is eliminating paper in the field. The changing workforce and new technologies will have the same impact on construction management and should be viewed as an opportunity to not only go paperless

but also to improve the entire process.

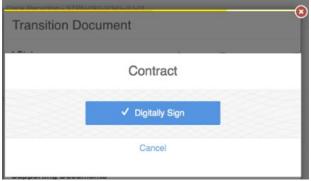
For example, construction inspection. The advent of mobile devices such as smartphones and tablets, as well as Internet-based storage systems (a.k.a. the cloud), have reshaped the landscape of construction inspection dramatically from the days of orange field books. Inspectors can now capture much more information in less time, resulting in more time in the field. Reports are accessible instantly, without needing to wait for the inspector, or an administrator, to transcribe unreadable scribbles. Even construction equipment has digital systems installed to locate and track work.

Vendor contract workflows with complex funding package—some projects have been

known to have 15 funding sources in three funding packages—is now automated with daily reports that are digitally approved and

signed by supervisors which can automatically drive pay requests and other financial reports.

While working with Info Tech, Wes Musgrove, director of the Iowa DOT's Office of Contracts said, "As the first state DOT to be able to execute a contract electronically, including all supporting documents, there were no best practices to follow. On the flip side, we were able to design the process to get exactly what we needed because we were the first. We worked with the vendor used for electronic bidding and construction documentation to develop this piece of the process as a model that other states can now follow." However, this transparency and accessibility to the data raises the question of security. All data and material should still only be accessed by



the correct people. Most importantly, it is imperative to ensure that the data is true and valid. Digital IDs and electronic signatures, as well as secure filing system technologies, provide a way to verify all data, store it safely, and manage its accessibility.

In short, e-Construction has already reshaped the construction environment. Its supporting tools and services allow increased field access to timely data, improved collaboration, faster and more accurate decision making, automation of many manual processes, and valid and transparent data that is secure yet readily accessible.

When looking into e-Construction services and tools, agencies will require flexibility, security, simplicity, affordability along with integration across all systems. Info Tech has been providing technological solutions and services to the construction industry for more than 30 years. During that time, we have seen significant changes in the industry with many of these technological advances fundamentally changing the ways business is conducted. Don't play catch up with this evolution in construction.

## **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.

## UPCOMING EVENTS

### APWA-ASCE Joint Meeting March 15, 2017, 11:30 AM - 1 PM

#### **Presentation: Implementing Envision for More Sustainable Public Infrastructure Projects**

Envision is a sustainability rating system that has been adopted by many cities, including Kansas City, Missouri, as an evaluation process to plan, design, and construct more sustainable public infrastructure projects. Envision is a rating tool, similar to LEED, that can be applied to infrastructure projects for the purpose of comparing improvement alternatives beyond just costs. Envision can also provide an overall process for evaluating infrastructure programs or for the development of capital improvement plans. This presentation will provide an overview of the Envision rating system, the project verification process, and an example of applying Envision at a program level.

Speaker: Andy Sauer, Burns & McDonnell

Location: Californo's, 4124 Pennsylvania, Kansas City, MO, 64111

Registration: \$25

Registration is available on both chapter websites. See event page for more details: <a href="http://kcmetro.apwa.net/">http://kcmetro.apwa.net/</a>

EventDetails/11348



Tuesday, March 22 8:00 A.M. to 2:30 P.M.	8:00 – 8:30 8:30 - 9:30	Registration Urban Forest Management: General Cultural Information -Kim Bomberger, Kansas Forestry Service		
Cost: \$20.00	9:30 - 9:45	Break  Urban Forest Management: Function of tree roots, Factors affecting growth—Kim  Bomberger, Kansas Forestry Service  Certification and the Kansas Parks & Recreation Department—Bonnie Simon,		
Prairie Village Community Center 7700 Mission Rd.	9:45 - 10:30			
Prairie Village, KS 66208	10:30 - 11:30			
Register by March 18, 2016		Kansas Parks & Recreation Department		
Contact: Rob Kluender City of Olathe rlkluender@olatheks.org	11:30 - 12:15 12:15 - 1:15	Lunch (Will be provided) <b>Turf Maintenance</b> : Watering, Fertilizing,  Mowing and Sanitation—Eric Draper,  Superintendent of the Osawatomie Golf Course		
(913) 971-6012	1:15 - 1:30 1:30 - 2:15	Break  Turf Maintenance: Herbicides—Eric Draper, Superintendent of the Osawatomie Golf Course		

## SUSTAINABLE INFRASTRUCTURE COMMITTEE MEETING

Friday, April 1, 7:30-8:30 AM GBA 3rd Floor, 9801 Renner Blvd, Lenexa, KS, 66219

Committee meeting to discuss goals and plans going forward. Coffee and pastries will be provided. For more information and to register, please visit <a href="http://kcmetro.apwa.net/EventDetails/8282">http://kcmetro.apwa.net/EventDetails/8282</a>

## THE CHAPTER AWARDS LUNCHEON

Wednesday, April 12 Grand Street Cafe

Awards to be presented are:

- Project of the Year
- Management Innovation
  - ◆ Technical Innovation
- Public Works Leader of the Year
  - Young Leader of the Year

See event page for more details and registration.



## SAVE THE DATE APWA BBQ Friday, June 10th

## **NEW MEMBERS**

Antonio Allen, City of Kansas City
Jeff Barnard, Burns & McDonnell
Heather Barrows, MODOT
Joe Bratchie, Contect Engineered Solutions
Robin Carbrey, City of Olathe
Jason Dennis, Burns & McDonnell
Jimmy Denton, City of Bonner Springs
Benjamin Falk, City of Kansas City
Kyle Fleeman, City of Overland Park
Richard Gaskin, City of Kansas City Water Services
Sarah Gilstrap, Burns & McDonnell
Alicia Herbert, City of Kansas City
Glenda Johnson, City of Kansas City
Warren Keith, City of Kansas City

Thomas Kimes, City of Kansas City Water Services
Michael Kramer, City of Gardner
Rebecca Losli, Burns & McDonnell
Lynelle Luther, MODOT
Daniel Ogle, City of Prairie Village
Larry Pacheco, City of Olathe
David Panek, City of Kansas City
Patrick Rhoads, HG Consulting, Inc.
Larry Sanchez, City of Olathe
James Shannon, MODOT
Shawn Singer, Burns & McDonnell
Matt Stuart, Emery Sapp Sons, Inc.
Don Wichern, MODOT

# Public Works Institute Scheduled—Public Works Management Fundamentals— From Larry Frevert

Presentation of Public Works Institute Module III, Public Works Management Fundamentals, has been scheduled for April 4-6, 2017 in the Members' Auditorium, Midwest Public Risk Building, 19400 E. Valley View Parkway, Independence, MO 64055.



#### The agenda for this training will include:

- Organizational Theory
- Media Relations
- Risk Management
- Ethical Dilemmas
- A City Attorneys' Panel Discussion
- Sustainability
- Presentation Skills

- Team Development
- Customer Service
- Public Works Operations
  - Construction
  - Engineering and Technology
  - Water and Waste Water

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 <a href="http://kcmetro.apwa.net/EventDetails/11320">http://kcmetro.apwa.net/EventDetails/11320</a> where a complete training agenda and driving directions to the Midwest Public Risk Building can be found.

Questions can be directed to Larry Frevert, PWI Director, at <a href="mailto:lwfrevert@gmail.com">lwfrevert@gmail.com</a> or 816.582.9236.

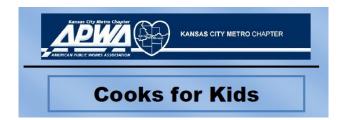
\*\*REGISTER BETWEEN WEDNESDAY, MARCH 1 THROUGH FRIDAY, MARCH 24\*\*

## Construction Project for Johnson County Developmental Support April 21, 2017 8:00AM—4:00 PM JCDS 1201 E Loula St, Olathe, KS 66061

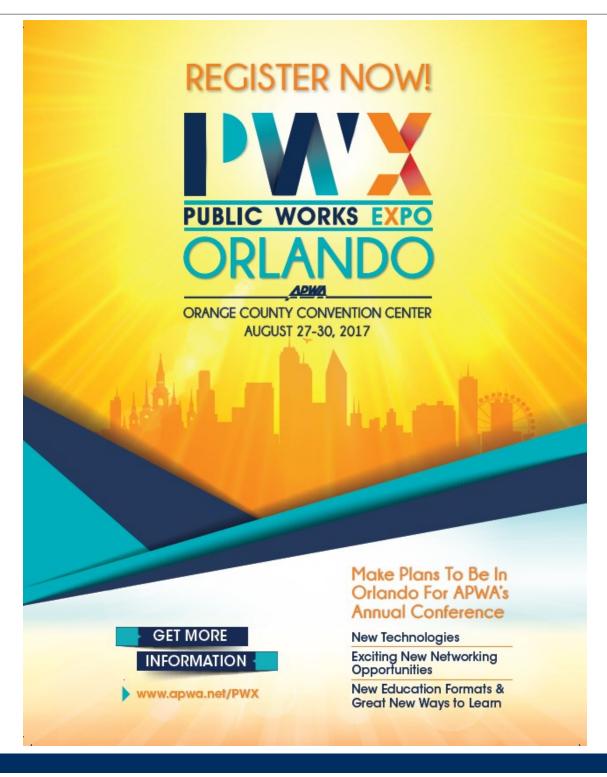
The Community Service Committee, UMKC/Rockhurst Student Chapter, and the Kansas Society of Professional Engineers Eastern Chapter is hosting a construction project for Johnson County Developmental Support. The group will construct a wheelchair ramp on the back of a home. Come on out if you want to learn a little bit more about one of the host chapters, or if your would like to use power tools. Feel free to stop by for a hour or work both days. We will be helping out a great community organization that supports individuals with mental and physical disabilities. The ramp will allow the men that live at the house access to a great back yard. There are plenty of tasks to perform regardless of your level of expertise. There will be a number of people on site both days to meet and network with. If you are interested in helping with this project contact Shawn Graff.

May 26, 2017 4:00PM—7:00PM

Ronald McDonald House 2502 Cherry Street Kansas City, MO, 64108



Come out during National Public Works Week and help the chapter feed the families that have children being treated at Children's Mercy Hospital. This event is great way to show the generosity of Kansas City and KC Metro APWA Chapter to families that are going though difficult times. We will grill hamburgers and hotdogs and prepare side dishes for approximately 50 people. This is a great way to learn more about the KC Metro Chapter and network with professionals in the Kansas City area. The chapter will also bring equipment for the kids to climb on and ask questions.



## COMMITTEE ANNOUNCEMENTS

## Standards and Specifications Committee Report—from Dena Mezger

New standard specification sections were unanimously approved by chapter members at the Feb 15, 2017 chapter meeting. The website will be updated shortly.

# Myron D. Calkins Scholarship 2017-18 Application & Information

#### **Eligibility Requirements**

Thank you for your interest in the Myron D. Calkins Scholarship. Applicants interested in this scholarship must be:

- 1. Enrolled in a graduate or undergraduate education or trade school program that relates to public works at a qualified educational institution; and
- 2. Enrolled in a minimum of three (3) credit hours per semester or working towards completion of an accredited program for the duration of the scholarship; or
- Applying to complete a certification program through APWA (or other agencies upon approval), including but not limited to the following: Certified Stormwater Manager (CSM), Certified Public Fleet Professional (CPFP), and Certified Public Infrastructure Inspector (CPII). More information can be found online at <a href="http://www.apwa.net/certification/">http://www.apwa.net/certification/</a>.

Preference will be given to applicants who are <u>active</u> in the public works community either through the KC Metro Chapter, its I ocal student chapter or another public works related association and those not otherwise eligible for reimbursement of tuition and fees, books, supplies, and equipment required for course work.

#### **Application Process**

The application deadline for the 2017-2018 academic year (including summer, fall, winter, and spring semesters, as well as testing through APWA National at any time in the next 12 months) is midnight on **April 7th**, **2017**. If you have any questions, please contact the scholarship committee chair at kcmetroapwascholarship@gmail.com.

#### **Selection Process**

The Scholarship Committee will review all applications, interview finalists (if necessary), and forward recommendations to the Executive Committee for approval. The Scholarship Committee may distribute a grand total of \$7,500 per year from the Myron D. Calkins Scholarship Fund to the successful applicants. Successful applicants will be notified no later than May 31st, 2017. Members of the APWA National Board of Directors, the KC Metro Chapter Scholarship Committee or Executive Committee; including their family members, are not eligible.

#### **Timeline of Selection**

The open period to apply for a scholarship will be March 1st – April 7th, 2017. Applicants will be notified no later than May 31st, 2017. Selected recipients will have until the end of May 2018 to submit for reimbursement.

#### Scholarship Award - Undergraduate or Graduate Students

Up to \$750 will be awarded per semester to the qualified candidate(s) with a maximum of \$1,500 per calendar year. The award will be paid to the recipient upon proof of completion. The student must satisfy grade requirements (a minimum cumulative semester GPA of 3.0, or grade B or better in an individual course) and provide to the Scholarship Committee Chairperson a copy of the grade report.

Undergraduate and graduate students are solely responsible for disclosure of the award for financial aid and/or income tax purposes.

### **Scholarship Award – Certification Programs**

A maximum of \$1,500 will be paid to reimburse a candidate to successfully complete a certification program (including those offered by APWA or other agencies upon approval) within the timeframe of May 2017 - May 2018.

The award will be paid to the recipient (to include application and exam fees only) upon proof of passing the exam.

Scholarship awards issued to non-degree seeking candidates are considered taxable income to the recipient and will be reported on form 1099-MISC at the conclusion of each calendar year in accordance with IRS requirements.

#### **Scholarship Application**

Submission for the Myron D. Calkins Scholarship fund is a two part application. Please submit the following together in an envelope to the address below. Both parts of the application must be received by the deadline.

- 1. Complete Pages 2 and 3 of the application (typed answers to each question are limited to 150 words)
- 2.Include a letter of reference (in a separate sealed envelope) mailed to:

J. Phil Herrman KCAPWA Scholarship Committee Chair 9400 Ward Pkwy Kansas City, MO 64114

#### Personal information:

Name (First, MI, Last): Address:

Phone Number: **Email Address:** 

APWA Member ID # or relationship to current APWA member (if applicable):

#### Academic information: (if pursuing a certification program, proceed to question 3)

Program of study:

Class(es) this or next semester: Degrees

received to date:

Name and location of current institution(s):

Prospective graduation date:

#### Certification Program information: (disregard if pursuing a degree and complete question 2 only)

Certification or designation:

Agency offering the program:

Date you expect to take the exam:

Estimated costs for application and exam fees:

#### **Financial information:**

Have you applied for other financial aid? Yes No

Approximately what percentage of education do you personally fund: 5% 10% 25% 50% 100% 75% List other current scholarships and/or past APWA scholarships:

Employment (if applicable): Company/Municipality Name: Address:	Supervisor:		
Phone:			
Do you receive tuition reimbursement from your employer?	Yes	No If Yes, what %:	_
This is to certify that the above information is valid.			
Signature:			Date <sup>.</sup>

#### Application Questionnaire (limit responses to 150 words each):

How will this degree, class, program, or certification enhance your career and/or understanding of public works? Demonstrate if you are currently involved in public works (through employment, internship, or related organizations). Do you have long-term goals to remain active in the public works industry?

Statement of need or special consideration.

Please list extracurricular activities (ie student organizations, research, blogs, etc.), special interests, and other community service activities in which you participate.

## 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) - 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 <a href="mailto:cgard@cityofshawnee.org">cgard@cityofshawnee.org</a> 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, April 28, 2017. Deadlines will be strictly enforced. Electronic formats are preferred, but not required. Send your stories to Caitlin Gard via email to <a href="mailto:cgard@cityofshawnee.org">cgard@cityofshawnee.org</a>.

## 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 - 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