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KC Metro Steak Fry
 Wednesday, September 18th

See page 8 for details.

Transportation Committee Sponsored Event
 Tour of City of Grandview Streetscape Project
 Wednesday, September 18th

See page 9 for details.



SOLD OUT!

KC Metro Golf Tournament
 Tuesday, September 24th

See page 10 for details.



Community Service Committee Sponsored Event
 Habitat for Humanity Work Day
 Saturday, September 28th

See page 11 for details.

**2013 PACE
 AWARD
 RECIPIENT**

**17 YEARS
 IN A ROW!**

Save the Dates:

Winter Maintenance Supervisor Certificate Workshop - October 2nd
 Public Works Institute Module IV - October 15-17

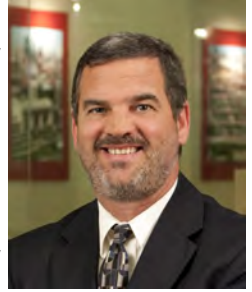
2013 ANNUAL SPONSORS



PRESIDENT'S PERSPECTIVE

FROM BOB MILLER

I had the opportunity to attend The 2013 Congress & Exposition in Chicago on August 25th - 28th. Congress was well attended by many members of the Kansas City Metro Chapter. Several members from the Chapter presented on various topics during the four day event. Larry Frevert was presented the prestigious Presidential Award by last year's APWA President Elizabeth Treadway at the awards ceremony on Tuesday. Larry was taken by surprise as the award was not announced in the Awards Booklet. Larry has been a cornerstone of the Metro Chapter and it was certainly a pleasure to see him presented with this award. Congratulations Larry!



Wayne Gudenkauf, Chapter Vice President, did an excellent job of hosting the Chapter Dinner at the Weber Grill. The Chapter and the City of Fairway were recognized for the following awards:

- 2013 PACE (President's Award for Chapter Excellence); and
- APWA's Management Innovation Award for 2013. The City of Fairway has implemented an Alternate Work Week Schedule.

Chuck Williams has officially been elected as the Region VI Director which is the largest APWA region. The Metro Chapter congratulates you and looks forward to supporting you in the future. We know you'll do an excellent job just as you have as our Chapter Delegate for the past several years.

Congratulations to Jeff Fisher and his staff at the City of Belton for becoming an APWA Accredited Agency. The City of Belton becomes only the 87th City in the United States to receive such an honor. The Cities of Olathe and Lenexa recently received their reaccreditation. Excellent job by all three Cities.

If you were not able to attend Congress, APWA nationals web page (www.apwa.net) has a recap of the daily activities including a summary of the message delivered by each of the four keynote speakers. The exhibit floor covered what seemed like acres and was filled with all the latest machinery and products.

The Chapter has several members on National Committees. Check in with these folks to hear what the direction is from the national perspective. Please forgive me if I missed anyone.

- Professional Development Committee - Keith Duncan (City of Olathe)
- Government Affairs Committee - Joab Ortiz (Burns & McDonnell)
- Professional Development Committee - Larry Frevert (Trek Design)
- National Engineering and Technology Committee Chair - Dennis Randolph (City of Grandview)
- National UPROW Committee Chair - Murv Morehead (City of Overland Park)
- International Affairs Committee - Ron Norris (City of Olathe)
- Project of the Year Committee - Bill Stogsdill (City of Fairway)
- 2013-2014 Center for Sustainability Leadership Group - JC C. Alonzo (Shockey Consulting)

Upcoming Events

There are several events coming up in the next few months. Get active, bring a fellow mentee or mentor, and make our Chapter the best! Events include:

- September 18th - Annual Steak Fry (Sugar Creek)
- September 18th - Tour of City of Grandview Streetscape Project sponsored by the Transportation Committee
- September 24th - 9th Annual Golf Tournament (The Duece at the National Golf Club)
- September 28th - Habitat Work Day sponsored by the Community Service Committee
- October 2nd - APWA Winter Maintenance Supervisor Certificate Workshop
- October 7th-11th - Snow and Equipment Training Expo
- October 15th-17th - Public Works Institute Class
- October 15th - Transportation Committee Meeting - Orange Barrel Report

See additional information in this issue of the Pub News or on the Chapter website at <http://kcmetro.apwa.net>

Continued on Page 3

President's Perspective, Continued from Page 2

If you haven't attended the Snow and Equipment Training Expo, you're missing out. The event features a five-day competition for backhoes, wheel loader, skid steer loader, CDL skills course, street sweeper, excavator, mechanics competition, and snow plow events. Training and educational events for operation personnel are available for both safety and professional skills.

Don't forget the 2013 APWA Fall Awards deadline is November 1st, 2013. See an article in this issue of the Pub News for more information or visit the Chapter web page.

Being a geographically compact chapter we have the luxury of frequent chapter and committee meetings and events that offer those regular opportunities to exchange ideas and information on current issues, connect with fellow Public Works professionals from a variety of agencies, provide community service, and have fun. We have it all right here in our own backyard. All we have to do is take advantage of the various opportunities. As always, feel free to contact me at rjmiller@transystems.com or 816.329.8751 if you have questions, concerns or suggestions and remember to visit the chapter website at to find out what's coming up and how you can get involved.

DELEGATE DETAILS

FROM JOE JOHNSON

The 2013 Congress was a great event. The Kansas City Metro Chapter was well represented with several members presenting at the Congress. Next year's Congress is scheduled for August 17th through the 20th in Toronto, Canada. If you plan to attend you will need to get a passport. The passport is needed not so much for getting into Canada, but getting back into the United States.



Prior to Congress the House of Delegates (HOD) had their annual meeting. This year's discussion was on refocusing the HOD. The HOD will be working over the next year with National on our new direction. The current focus is to create work groups to assist National on topics they need input on. With the diverse background and knowledge within the HOD it's felt we can offer insight and direction on a variety of topics. We will keep you up to date on this change.

I want to take this opportunity to congratulate Chuck Williams as our new Region 6 Director. He is taking over Larry Steven's position as Larry moves to President Elect. With Chuck's new position I am now the Delegate for the Chapter and Steve Hansen, Director of Public Works for Liberty, is the Chapter's Alternate Delegate.

As always, both Steve and I are here to communicate with National and our Chapter any concerns or issues that you have may regarding APWA. Please let us know if we can assist you.

Make plans now to attend 2014 Congress in Toronto, Ontario!

Toronto is a city constantly unfolding and alive with unlimited potential and energy. You know that excited feeling you get when you see a great menu that is filled with so many incredible dishes that you want to taste each one? That is how attendees of the 2014 International Public Works Congress and Exposition will feel when they are in this incredible city and experience all that Toronto has to offer!

An international city of warmth, openness, energy and style enriched by the fusion of traditions, passions and ways of looking at life of over 100 cultures - Toronto is an intimate metropolis featuring world-class dining, shopping, creativity, architecture and entertainment.

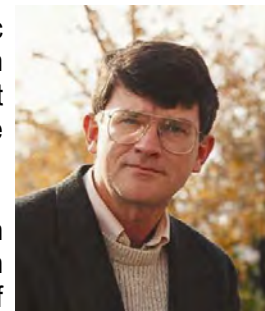
Start making your plans today!



TECHNO MINUTE

FROM MIKE ROSS

Asphalt producers here in the metro and across the country have been searching for sources for asphaltic binder. Virgin binder is expensive and (we've been told) is a waste byproduct whose percentage petroleum refiners have been reducing through better refining equipment. We've successfully used recycled asphalt pavements for years. Some cities and state DOTs are now also using recycled roofing shingles as a source for asphalt binder.



Overland Park discovered that, unbeknownst to us, one of our suppliers had used recycled shingles in several of our paving projects. To determine the impact shingles had on the asphalt, we hired Dr. Allen Cooley of Burns, Cooley, Dennis to test the result and report his findings and recommendations for the use of recycled asphalt shingles (RAS). His final report is available [here](#) (on <http://kcmetro.apwa.net> in the Document Library).

RAS can be obtained from several sources. These include tear off scrap shingles (TOSS) obtained during re-roofing projects, or manufactured waste scrap shingles (MWSS) which are defects produced as a part of the asphalt shingle manufacturing process. In my opinion, if there was enough MWSS to be a reliable source of paving material, we also should have a cadre of out-of-work shingle manufacturing plant operators. According to the CalRecycle website, "11 million tons of waste asphalt roofing shingles are generated in the U.S. per year. Re-roofing jobs [TOSS] account for 10 million tons, with another 1 million from manufacturing scrap [MWSS]." TOSS should be a never ending supply, especially now that climate change has increased the number of severe weather events. In many cases shingles removed as part of a re-roofing project are decades old and the asphalt binder has been subjected to many summers of sun and thus is harder than when the shingles were new.

Whether old or new, shingle binder is stiffer than paving binder. One local mix design that I saw cited PG150+50 (note the '+' in the middle, it's not a typo) as the equivalent binder grade for the RAS binder. The binder grade we use for our pavements is PG64-22. 64 degrees C is approximately 150 degrees F, and -22C is approximately -8F, so a PG64-22 should not crack in temperatures 8 degrees F below zero, and still should remain stiff enough to perform in the summer where road temperatures could reach 150 degrees F. Cracking isn't an issue for shingles, so the stiffer the binder, the less likely the shingle aggregates would be removed by hail or by stuff that falls from trees. For shingles, a stiffer binder is probably better.

In this and previous research, Dr. Cooley contends that the asphalt binder in FRAP acts as a coating for the aggregate as much or more than as a source of free asphalt binder. He made that claim after examining asphaltic concrete cut specimens on a rheometer. That testing showed less stiffening than the standard FHWA asphalt design process would indicate. It's why we allow higher percentages of FRAP without binder modification in Overland Park. Standard FHWA guidance would require us to adjust the binder grade (grade bumping) of the virgin binder to a softer material to prevent low temperature cracking. This assumes that the binder in the RAP mixes thoroughly with the virgin binder and that the result should be designed to obtain the desired grade. We've verified Dr. Cooley's recommendation for several years over several long winters. His latest report includes the description of a "staged extraction" in which he extracts the binder using a solvent in stages, measuring the residuals from each stage to determine the PG grade of each layer of asphalt removed from the aggregates. This testing supports the notion that less of the recycled binder blends with the virgin binder in asphaltic concretes containing recycled pavements than FHWA guidance would indicate.

The introduction of RAS changes the nature of this binder "blending." The RAS material is available as a ground granular material and this material has less mass than the fractionated RAP materials and thus is more likely to melt and then blend with the virgin binders in the asphalt plant. RAS causes problems in two ways: it has a very high asphalt binder content that is more likely to blend and impact the resultant binder, and it is a very stiff material as mentioned above.

Dr. Cooley's recommendation is that we modify our specification to limit the recycled asphalt binder content in our mixes to no more than 30 percent of the binder if any RAS is included in the mix. Since we don't have any good way to determine if the recycled pavements were originally made with RAS, we may just adopt that recommendation for all of our mixes.

We've resisted complexity in our mix designs because we don't have our own lab, and we don't have local laboratories that can run the types of tests that Dr. Cooley is running for us. State DOTs have the luxury of consuming huge quantities of material from stockpiles that they have some control over and from which they can run tests and from plants that they can monitor. Cities generally obtain their materials from a far less controlled environment. We need simpler, more reliable materials – even if they cost a little more money. Shingles may work for highway work where a lab can test and control resultant binder grades. For Overland Park, we have concerns that in saving a few bucks on our materials we may prematurely fail one of our roadways.

WHAT'S NEW REVIEW

Remember, the What's New Review is a great spot to highlight a new product, process or project success that readers may be interested in hearing about. If you'd like to submit an article, contact Shannon Jeffries at shannon.jeffries@cityofils.net.

RECENT EVENTS

APWA Congress and Chapter Dinner, Chicago, Illinois

The Weber Grill Restaurant played host to the annual KC Metro Chapter Dinner at Congress on August 27th, 2013. The evening began with a social hour and appetizers. BBQ Ribs, Beer Can Chicken Skewers, Grill-Seared Steak Skewers, BBQ Shrimp and Onion Curls were enjoyed by the seventy-five chapter members and guests.

The social hour was followed by dinner in the Grill Room. Dinner consisted of Pretzel Rolls, Mixed Green Salad, choice of entree (Bourbon Glazed Salmon, Tuscan-Style Grilled Chicken Breast or Bone-In Smoked Pork Chop) and Double Chocolate Cake or Warm Apple Cobbler.

The Chapter was also well represented at the Congress awards ceremony. The chapter was awarded the 2013 Presidential Award for Chapter Excellence (PACE) for the 17th consecutive year. The City of Fairway was awarded the 2013 Management Innovation Award for implementation of an Alternate Work Week Schedule. Larry Frevert received the Presidential Leadership Award.

The chapter was also very well represented during the conference serving as moderators and session speakers throughout the event.



President Ed Gottko (far left) presented the PACE Award to members of the KC Metro Chapter - Larry Frevert (second from left), Dena Mezger and Bob Miller.



President Ed Gottko (far left) presented Bill Stogsdill, representing the City of Fairway, with the Management Innovation Award. The City of Fairway was recognized for the Alternate Work Week Schedule.



Larry Frevert received the Presidential Leadership Award from APWA President Elizabeth Treadway.

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APWA Congress and Chapter Dinner, continued from page 5



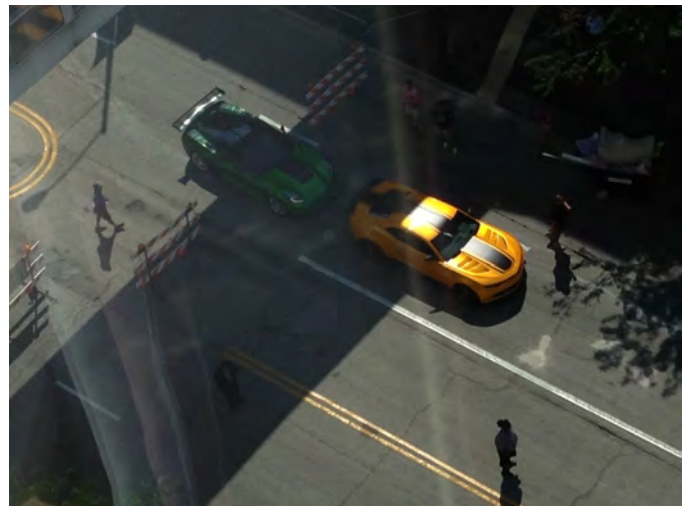
Larry Frevert moderated four "Continuing the Conversation" sessions on the exhibit floor. In this photo Larry interviews Mary Joyce Ivers, APWA's Fleet Services Committee and the Fleet and Facilities Manager for Ventura, CA.



Nick Arenas and Chuck Williams presented a session on 'Strengthen Your Workforce - Create a Formula for Success'



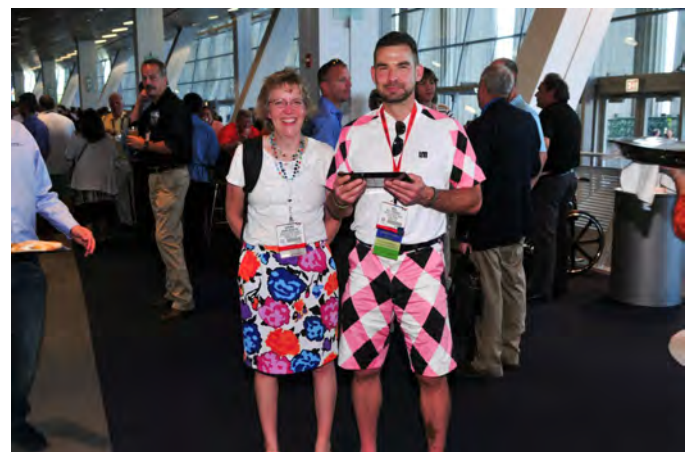
Donnie Scharff and Kati Horner Gonzalez were part of a panel session on 'Educate, Inspire, and Transform the Leaders of Tomorrow'



Not on the Congress schedule was an up close view of filming for the next Transformers movie.



Attendees even had a little time for sight-seeing.



Sherri McIntyre and Bill Stogsdill at the Get Acquainted Party on Sunday at Soldier Field.

July Chapter Event - Diversity Breakfast

In 2012, the Diversity Committee teamed up with the MO/KAN Superintendents' Committee to organize an event that would appeal to both the "office workers" and "front line workers". A second breakfast was held this year and continued in a similar vein with a panel of speakers to discuss workplace diversity issues from the "management" and "operations" perspectives. This year's event was a collaboration between the Diversity, MO/KAN Superintendents', and Leadership & Management Committees. The event titled "Performance through Inclusion: Connecting Diversity to Public Works" included a panel of speakers. Shawn Graff, Public Works Superintendent, Lee's Summit, MO brought an operations perspective to the panel. Mary Jaeger, Deputy Director, Public Works, Olathe, KS brought an engineering and management perspective. Chuck Williams, Municipal Services Director, Lenexa, KS and Bill Stogsdill, Public Works Director, Fairway, KS brought perspectives from their experiences in both operations and management.

The discussion included the benefits from engaging diverse perspectives into projects, the importance of being respectful of everyone, suggestions to foster discussions between diverse groups, and creating a culture of open communication in the workplace. Mr. Williams shared how a "your side and our side"/"operations versus engineering" comment on the design of the Lenexa Municipal Service Center led to a redesign and a facility that integrated engineering and operations. Communication across multiple generations was also discussed.



Panel of speakers from left to right: Shawn Graff, Lee's Summit, MO; Chuck Williams, Lenexa, KS; Mary Jaeger, Olathe, KS; Bill Stogsdill, Fairway, KS.



Dennis Randolph, Grandview, MO, asks a question of the panelist.

ANNUAL STEAK FRY



**Kansas City Metro Chapter of APWA,
Engineer's Club of Kansas City
& Metro Water Works Association
present:**

STEAK FRY

**Wednesday, September 18, 2013
6 – 9 pm**

**Mike Onka Memorial Building
11520 Putnam Street
Sugar Creek, Missouri**

Menu:

Sausage appetizer, ribeye steak, salad, baked potato, green beans, dessert treats, coffee, tea, and beer

Cost per person:

\$30 per person. Spouses and friends welcome.

Registration:

Visit www.kcmetro.apw.net



Overview and Walk-Through of The City of Grandview Main Street Corridor Improvement Project

What: An overview of The City of Grandview Main Street corridor improvement plan and a walking tour of the first three completed of seven total construction projects.

When: 4:30 p.m. on Sept. 18th, 2013

Where: Meet in the parking lot off of Main Street in Grandview at the intersection of 7th Street and Goode Avenue. This parking lot is where the Grandview Farmers Market is currently held on Saturday mornings. To get to the location of the Farmers Market area head west from I-49 on Main Street to 7th Street and turn right and the parking lot is on your right. There are signs on Main Street that direct you to the Farmers Market area.

Who: Dennis Randolph, Grandview Public Works Director, will be available to discuss the Main Street Improvement plan and answer questions.

Other: There isn't any construction on Main Street right now so parking and walking safely through the project limits is not a concern. It is a ½ mile walk from the start of improvements to the end (7th to 15th Street) for a total walk of about one mile.





SIGN UP TODAY!

Tuesday, September 24, 2013

8:00 a.m. Shotgun start ~ Lunch & Awards following Golf

The Deuce at the National Golf Club, 6415 N National Drive,
Parkville, MO 64152

The tournament is full. Team captains can pre-pay \$40 for the Bonus Pack, online at <http://kcmetro.apwa.net/events/5785/register/>.

The 2013 golf committee has been hard at work, making plans for a fantastic client entertainment and networking event! We have received wonderful support from chapter sponsors and the tournament is sold out!

Special thanks to the following sponsors!

Tournament Sponsor



Player Gift Sponsor



Lunch Sponsors



Breakfast Sponsor



Print Sponsor



Beverage Cart Sponsors



Hole Sponsors w/Foursome



Vendors and sponsors wanting to donate door prizes, please deliver apparel, tickets, golf stuff, etc. to Therese Mersmann at the City of Olathe.

HABITAT FOR HUMANITY WORK DAY SEPTEMBER 28, 2013



Sponsored by the KC Metro APWA
Community Service Committee

For more information or to volunteer contact Shawn
Graff at shawn.graff@cityofks.net or at (816) 969-
1871

The KC Metro Chapter and the MoKan Superintendents Committee present the
APWA Winter Maintenance Supervisor Certificate Workshop

Location: Burns & McDonnell **Date:** October 2, 2013
9400 Ward Parkway
Kansas City, MO 64114 **Time:** 7:00 A.M. – 5:00 P.M.

Cost: \$50 per participant / 10 or more \$45 per participant
(Lunch and snacks will be provided)

To register contact: Ron Ditmars, rsditmars@olatheks.org or
Rob Kluender, rkluender@olatheks.org

Registration Deadline: September 20, 2013

The workshop provides a well-rounded overview of all aspects of snow and ice control for individuals charged with supervising their winter maintenance operations.

The goal for participants is as follows:

- Expand their knowledge of planning and preparation,
 - Increase their understanding of winter weather and how it affects operations
 - Identify how to better use traditional and alternative chemicals,
 - Consider what equipment is available and how to maintain it
 - Expand understanding of snow & ice control techniques
 - Stress responsible application of materials
- Resulting in increased appreciation of the environmental impacts of winter maintenance policies

Topics include:

- Policy and Planning
- Weather Basics
- Material selection, handling and storage
- Equipment & Fleet
- Snow Control
- Ice Control

All with a focus on Sustainability and lessening the impact of winter maintenance practices on the environment.

Attendees will be tested after each topic session to assess their retention of the materials and provide their agencies with peace of mind that they have a solid grasp on winter maintenance practices. An overall score of 80% is required to earn the certificate.

This workshop provides a great baseline to Winter Maintenance Supervision and is a great way to enhance the knowledge of all winter maintenance operation personnel.



Kansas City Metro Chapter's Public Works Institute To Present Module IV, October 15-17, 2013

The Public Works Institute of the KC Metro Chapter of APWA will present Module IV, "Public Works Leadership Skills" October 15-17, 2013 at the Lenexa Conference Center, 11184 Lackman Rd, Lenexa, KS 66219.

Presenters for this April's session will include many of the public works directors, city engineers, managers and other public works professionals and subject matter experts from across the Kansas City Metro Area and beyond. Topics to be covered in Session IV include:

- Overview of the Public Works Process
- Career Self Assessment
- People Skills
- Maintenance Management Systems
- Information Systems and Records Management
- Employee Relations
- Citizen Relations
- Council Relations
- Public Relations
- Creating Partnerships
- Process Skills
- Municipal Planning and Urban Development
- Workplace Safety
- Community Diversity and Service
- APWA Self Assessment (Accreditation)
- Public Works Professional Development
- Public Works, APWA, and KC Metro APWA Chapter History
 - Defining Excellence
 - Excellence in Public Works Panel Discussion
 - Public Works Operations
 - Airport Management
 - Managing Building Codes and Property Maintenance Codes

The registration fee is \$300 for APWA members and non-members alike. It includes the training, a comprehensive workbook, three lunch meals and break snacks. The registration fee can be paid on line by credit card via PayPal or by bringing payment the first morning. Checks should be made payable to "KC Metro Chapter-APWA." Registration is limited, so please sign up early. Registration may be accomplished on the KC Metro APWA Chapter website "Events" page through Friday, October 11, 2013.

Completion of all four Public Works Institute Modules offered by the KC Metro Chapter meets the educational requirements for credentialing as a Level 1 Public Works Supervisor (PWS) and Level 2, Public Works Manager (PWM) through the APWA Donald C. Stone Center.

For more information, please contact the KC Metro Chapter's Public Works Institute Director Larry Frevert at lwfrevert@gmail.com or by cell phone at 816.582.9236.


APWA Transportation Committee Orange Barrel Report

October 15th, 2013, 4:30 PM
Charlie Hooper's, 12 West 63rd Street, KCMO

Significant metropolitan construction projects, completed in the past year, will be reported by KDOT and MoDOT representatives. The meeting provides a wealth of information in a casual atmosphere.

Register at www.kcmetro.apwa.net. Questions? Contact Bob Netterville at robert.netterville@cityofs.net





APWA
KC Metro Chapter
*Holiday
Party*


SAVE THE DATE

WEDNESDAY, DECEMBER 11, 2013

5:30 — 9:00 P.M.

HISTORIC LONGVIEW MANSION
1200 SW LONGVIEW PARK DRIVE
LEE'S SUMMIT, MO 64081

\$45 PER PERSON



Please contact Eric Strack at estrack@HNTB.com
or Julie McNiff at jmcniff@helochner.com for
additional details

2014 APWA Mid-America Conference & Exhibit Show Update

When: May 21-23, 2014

Where: Overland Park Convention Center - Overland Park, Kansas

Mark those dates on your calendar!! May 2014 is when the "MID-AM" triennial tradition returns, bringing our fellow APWA members, suppliers, design professionals, and friends from the across the public work industry to Kansas City. Hosted by the five Mid-America Chapters (Iowa, Kansas, Missouri, Nebraska and KC Metro), the APWA Mid-America Conference & Exhibit Show has been providing opportunities for professional development, industry networking and one of the best vendor exhibit shows across our four state region since 1983.



The Steering and Management Committee have been meeting every other month since January, busy pulling together the details of the educational programs, conference operations, networking opportunities and exhibit show. Terry Cox is even up in Harlan, Iowa, planning a round of golf for everyone!



Details about exhibitor and conference registration will be posted on the KC Metro Chapter website as the information becomes available: <http://kcmetro.apwa.net/events/2014midamconference/>

Look for reminders about registration to begin hitting your email box starting later this year. Make sure your APWA member profile is current to be certain to receive information about the 2014 Mid-America Conference - and we look forward to seeing you next May!

APWA 2014 Mid-America Conference Co-Chairs

Cynthia Mitchell
Solid Waste Utility Manager
City of Columbia, Missouri

Steve Schmidt
Transportation Project Manager
Burns & McDonnell – Kansas City, Missouri



COMMITTEE ANNOUNCEMENTS

Awards Committee - from Melissa Prenger

APWA KC Metro Chapter Fall 2013 Awards

It's award time again!

This is a reminder that the following award applications are due
November 1, 2013, except as noted below.

We all know people we work with who are deserving candidates. Please submit their names or give them an application. Winners of the KC Metro Chapter Fall Awards will be recognized at the Chapter Holiday Party in December.

Applications for the Fall 2013 Awards are available from the KC Metro Chapter Website by clicking on the following link: <http://kcmetro.apwa.net/c/awards/>. Please submit applications via e-mail to:

Melissa Prenger, Awards Committee Chairperson at prenger@pbworld.com
If you have questions, please contact Melissa Prenger at (913) 310-9943.

- **Field Supervisor Excellence Award**
- **Operations Program Excellence Award**
- **Public Works Excellence 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 2012 award winners were Kathy Petrie, City of Overland Park, Chris Mann, City of Fairway and Ted Semadeni, City of Lenexa.

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. The 2012 award winners were the City of Belton and Partners – Cooperative Street Maintenance Contract and the City of Fairway – Alternate Work Week Schedule.

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 2012 award winner was Jay Martin, City of Overland Park.

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. Please present your nomination for this award to a KC Metro Chapter Executive Board member or the Awards Committee Chairperson by **October 11, 2013**. Award application is due **November 1, 2013**.

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 2012 award winner was Ivan Ubben. Please present your nomination for this award to a KC Metro Chapter Executive Board member or the Awards Committee Chairperson by **October 11, 2013**.

Historical Committee - from Ernie Longoria

With the addition of I-49 to the Metro, we thought it appropriate to talk about the other Interstate Routes in the Metro. As defined by FHWA Section 470.107, an Interstate Highway:

- (1) *The Dwight D. Eisenhower National System of Interstate and Defense Highways (Interstate System) shall consist of routes of highest importance to the Nation, built to the uniform geometric and construction standards of 23 U.S.C. 109(h), which connect, as directly as practicable, the principal metropolitan areas, cities, and industrial centers, including important routes into, through, and around urban areas, serve the national defense and, to the greatest extent possible, connect at suitable border points with routes of continental importance in Canada and Mexico.*
- (2) *The portion of the Interstate System designated under 23 U.S.C. 103 (e)(1), (e)(2), and (e)(3) shall not exceed 69,230 kilometers (43,000 miles). Additional Interstate System segments are permitted under the provisions of 23 U.S.C. 139 (a) and (c) and section 1105(e)(5)(A) of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), Pub. L. 102-240, 105 Stat. 1914, as amended.*

Both the Kansas and Missouri DOTs have placed a number of their Historical State Highway Maps online. In addition to the maps, the margins included tourist and important landmarks, rules of the road, and pictures of the Governor.

Looking through the maps from KDOT and MODOT we noticed the following interstates were built:

- I-29 first appeared in MO in 1959
- I-35 first appeared in KS in 1960; in MO in 1961
- I-70 first appeared in KS in 1960; in MO in 1963
- I-435 first appeared in MO in 1965; in KS in 1966
- I-470 first appeared in MO in 1965
- I-635 first appeared in KS in 1973; in MO in 1975
- I-670 first appeared in MO in 1987; in KS in 1991

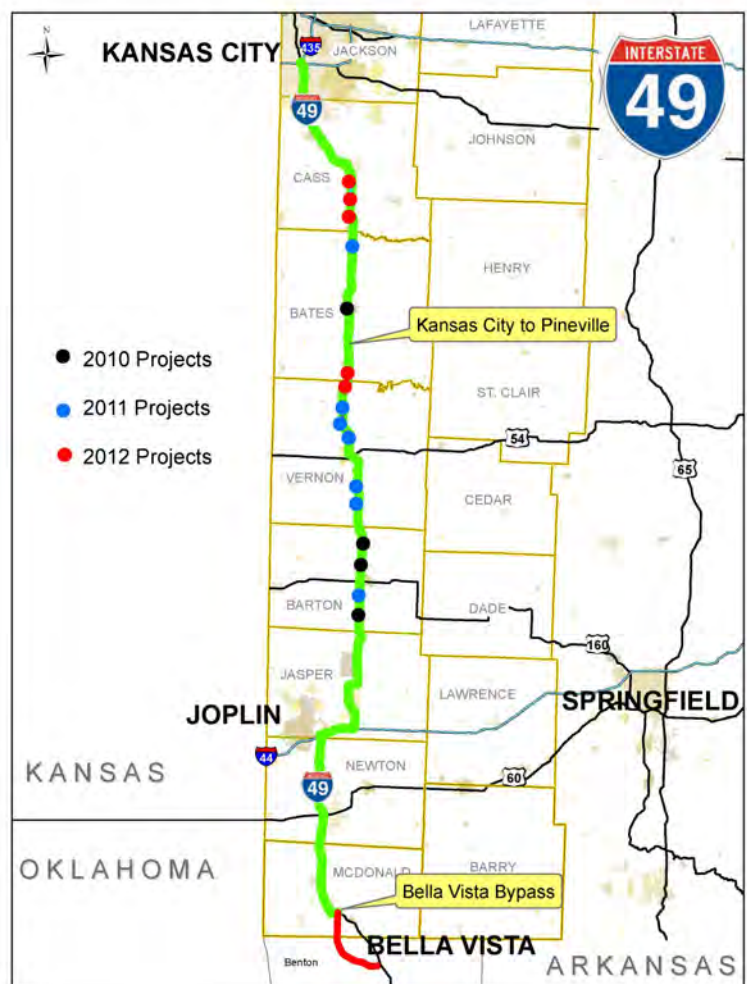
To Learn More:

Highway 71 to I-49 Conversion: http://www.modot.org/southwest/major_projects/I-49/I-49Conversion.htm

Kansas Historical Maps: <http://www.ksdot.org/burtransplan/maps/HistoricStateMaps.asp>

Missouri Historical Maps: <http://www.modot.org/historicmaps/index.htm>

Special thanks to Toni Prawl, Sr Historic Preservation Specialist with MODOT and Danny Bahre, with KDOT Photography Section.



MEMBER UPDATES

Want to recognize a recently promoted employee?

Publication of promotion announcements will be dependent upon space available in the Pub News issue. Submittals of an announcement (with photo if possible) can be sent to the Pub News editor, Shannon Jeffries, via e-mail: shannon.jeffries@cityofls.net.

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, Shannon Jeffries, via e-mail: shannon.jeffries@cityofls.net. Photos are encouraged.

On Saturday, August 17, 2013, staff members from the City of Lee's Summit Public Works Department volunteered their personal time to assist the Truman Heritage affiliate of Habitat for Humanity in the rehabilitation of a home in Independence, MO.

The effort is part of the department's strategic plan that includes improving employee relations. Department staff, along with volunteers from a local church, worked together to clean gutters, paint a shed, remove overgrown weeds and trees, repair an overhang, clear and clean a driveway of eroding soil, seal foundation cracks, and discard trash.

When asked about his department's efforts, Lee's Summit Public Works Director, Chuck Owsley said "This project exemplifies our staff's willingness to get involved and make a difference, not just in our community, but where the need exists."

The department plans to schedule additional work days with Habitat for Humanity and other local charitable organizations in the future.



City of Lee's Summit staff and friends volunteer to help Habitat for Humanity.

We all know the KC Metro chapter is stocked full of talented members who not only are hard workers in their professional life but also get involved in activities locally, regionally and internationally. This issue we are sharing information on Agua Viva International. Contact information is at the end of this article if you would like to get involved!

AGUA VIVA INTERNATIONAL

What is Agua Viva International? Agua Viva International (AVI) is an organization created to support and encourage underdeveloped nations of the world by installing water purification systems. The model of the program has created a unique opportunity to fight water scarcity, world hunger and oppression of women by building valuable relationships with community leaders, children and the disadvantaged people in the chosen communities. AVI has a strong emphasis on training and equipping future leaders. The end result of a mission is clean sustainable water for schools, church, orphanages and health clinics. Ultimately entire communities benefit and the standard of living is dramatically improved.

The mission of AVI is to train and equip partnering communities to install, maintain and operate Living Waters for the World (LWW) water purification systems. Typically, partnering communities have a strong supply of water but it is highly contaminated. Water supplies are frequently contaminated with bacteria, parasites and suspended contamination. The system installation, operation and maintenance is predominately performed by the operating partner. The success of AVI depends upon the commitment and involvement of the operating partner, Agua Viva International and Living Waters for the World.

The AVI system includes:

- Batch purification of water at 300-500 gallon per day scale;
- Bottling the purified water into five gallon bottles;
- Distributing the bottles with educational literature;
- Installation of a hand washing and tooth brushing stations, and;
- Conducting education of young adults.



System installation in Colta, Chimborazo, Ecuador (July 2012)

The goal is to make available to each participant and their family at least one five gallon bottle of purified water per week. The health benefits are well documented by the World Hunger Index which correlates the importance of purified water and gender empowerment with reduction of World Hunger in underdeveloped nations.



System installation at Huerto de Getsemani Church, Aldea Las Cruces, San Carlos Sija, Guatemala (June 2011)

What is the local tie to AVI? Curt Mader, KC Metro chapter member, has been involved with AVI since 2009. A friend who had been on a mission trip to Guatemala shared with him the desperate need for clean drinking water for a school and the surrounding community. Following the Living Waters for the World system and model, Curt was part of a team that delivered a system in July 2009 to Cantel, Guatemala. Since then he has been involved in six other system installations with trips planned in 2013 to Guatemala and Ecuador.

Several local engineering firms have also assisted in spreading the word about AVI and how the engineering profession can help. Curt Mader is employed by Olsson Associates. Burns and McDonnell has provided conference rooms for AVI to give lunch and learn sessions educating others about their work. Burns and McDonnell also has a matching contribution program for their employees. Jim Allen, Brian Seabaugh, Jami Malchose, Tasha Pettis and Shawn Caton with Burns and McDonnell, Daryl Taylor with SKW and Dale Bain with the City of Overland Park, Kansas will be traveling to Ecuador with AVI in October.

What can you do? It takes a lot of resources to install a clean drinking water system. And this program isn't just about providing clean drinking water, there is an educational component as well. Access to clean drinking water and education empowers communities with a valuable resource to improve their standard of living.

Something as simple as donations of hats can mean a lot to the men, women and children in these communities; a new hat is like receiving a new coat or blouse!

Sponsoring a lunch and learn at your place of business helps spread the word about the work of AVI and might spark interest (for yourself or a co-worker).

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Monetary donations are always appreciated. A typical purification system with no sand filters costs about \$3,000. An upcoming trip planned for Ecuador from October 19th-25th will install two systems in Gompue and Jipongato, Chimborazo. Additional funds are also being raised to finish construction of water system housing units and toilets in these two communities.

And if you are up for an adventure, consider donating your time. You don't have to be an engineer or have a background in construction. If you want to get involved in providing clean drinking water to communities your time will make a huge difference in the life of a community.

Contact: If you would like to donate resources, time, money or would like more information about the program you can learn more at www.aguavivainternational.org or by emailing group@aguavivainternational.org. Curt Mader would also be glad to answer any questions you might have, and can be reached directly at cmader@olssonassociates.com.



Two of the six system operators trained at the Promisa Divina Church installation in Colta, Ecuador. With the new system up and running, the operators are filling their first bottles of clean water.



Installation of a system.

A ribbon cutting ceremony was held for the installation at the Inglesia Eben Ezer Church in Aldea San Hosea, San Carlos Sija, Guatemala.



NEW MEMBERS

Jeff Bartz (Larkin Lamp Rynearson)

Thomas Dow (City of Olathe)

Pat Heenan (North American Salt Co.)

Shane Hill (City of Lenexa)

Kyle Guenther (Burns and McDonnell)

Laura Myers (Larkin Lamp Rynearson)

Sabrina Parker (City of Olathe)

Ashley Weber (Larkin Lamp Rynearson)

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Alternate Delegate - Steve Hansen

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 cmorgan@hntb.com with "Beam Me Up!" in the subject line.

Publisher: Kansas City Metro Chapter of APWA
Editor: Shannon Jeffries
Staff: Tim Morgan

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 March. The deadline for the next issue will be Friday, October 25th, 2013. Deadlines will be strictly enforced. Electronic formats are preferred, but not required. Send your stories to Shannon Jeffries at shannon.jeffries@cityofks.net.

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 2013 COMMITTEE CHAIRS

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Transportation - Bob Netterville
Utility & Public Right-of-Way - Ted Ingalls
Water Resources Management - Chad Johnson

Appointments, Liaisons, and Coordinators

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Joint Engineers Council - Jim Foil
MCIB/KCMMB - Todd LaTorella
Solid Waste Management - Nadja Karpilow

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