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The Newsletter for Kansas Local Technical Assistance Program (LTAP)

November | December 2018



We've co-developed a Local Public Agency (LPA) **Project Manager** Certification **Program**

KDOT in association with FHWA and the Kansas Local Technical Assistance Program (LTAP) have developed the

KDOT "Project Manager Certification Program" that all individuals who are a LPA "Person in Responsible Charge" or Project Manager (PM) must complete prior to serving as a PM for a project with Federal or State funding. Click here to read the article.





Check out our training schedule online at kutc.ku.educalendar/ltap and don't forget, we offer webinars you can take online anytime.

Guidance for driving on gravel roads

By Norm Bowers

In Kansas there are almost 100,000 miles of unpaved roads. These unpaved roads with § a gravel or dirt surface are the predominant road type in rural areas of Kansas and they present their own special road safety



challenges. Driving on loose gravel is more difficult than driving on pavement because tires don't have the traction needed to give stable control. Throw speed into the mix and your residents have a formula for trouble. Click here for a Fact Sheet on the topic.



You can attend **Tribal Technical** Assistance Program (TTAP) classes

Classes are free of charge and available to local agencies. Some (not all) of these classes may be relevant to local agencies as well as tribal agencies.

Registration is done through TTAP. Go to ttap. enrollware.com to learn more and to register.

There are new faces at KUTC

Kansas LTAP is a program of the University of Kansas Transportation Center (KUTC). The







Toni Dixon, Hemin Mohammed and Emily Wilder

staff you know as Kansas LTAP are employed at the KUTC, based in Lawrence at the KU School of Engineering.

KUTC has three new staff members we would like to introduce: Toni Dixon, Hemin Mohammed and Emily Wilder. Click here to read more.



Check out these updates for the Roads Scholar Program

There is good news for individuals wanting to obtain a Level Two Roads Scholar certificate. The Kansas Roads Scholar Advisory Committee will allow a participant to skip Level One if the individual has more than five years of public works experience and receives approval from their supervisor. Requests should be submitted to Kansas LTAP for approval, at kutc_training@ku.edu.

Kansas LTAP will be offering more Level One and Level Two courses. New elective courses have been added to both the Technical Skills and Supervisory Skills Programs. These courses are not required, but one may be taken in place of one of the other required classes.

Check out the updates made to the Master Course Listing for the Roads Scholar Program, which lists the classes required for the different levels of the program and how often they are offered. Go to kutc.ku.edu/roads-scholar-home-page. Upcoming trainings and registration are available online at kutc.ku.edu/calendar/ltap.

Kansas LTAP administers the Kansas Roads Scholar Program for the Kansas County Highway Association and the Kansas Chapter of the American Public Works Association. Questions? Please contact Kansas LTAP at (785) 864-2594 or kutc_training@ku.edu.

Want to learn more about the Kansas Roads Scholar Program?

The Level One Technical Skills Program enhances the knowledge of general public works maintenance and construction methods, safety practices, and how local government is organized and operated, as it applies to quality public service. The Technical Skills Program consists of 10 different training sessions for a total of at least 60 hours of instruction.

The Level Two Supervisory Skills Program develops supervisory skills for persons engaged in public works maintenance and construction activities. The Supervisory Skills Program consists of eight different training sessions for a total of at least 50 hours of instruction.

The Level Three Executive Development Program enhances management and administrative skills for those who are, or aspire to be, a county highway administrator, county or city engineer, or public works director.

The Executive Development Program consists of 10 different training sessions plus one elective course for a total of at least 60 hours of instruction. Some of the classes are online. For more information, go to kutc.ku.edu/roads-scholar-home-page.

Kansas Roads Scholar participation

Current participation in the Roads Scholar program looks like this:

Level One		Level Three
cities	20	cities 1
counties	22	counties 8
people	98	people 12
Level Two		Notification and certificates will
cities	3	soon be sent to recent graduates
counties	13	
people	47	







Last May, **Norm Bowers**, Kansas LTAP instructor, presented certificates to (from the top) **Dane Onnen**, Woodson County (Level One); **Ryan Durst**, Coffey County (Level One); and **Seth Howard**, Atchison County (Level One). Well done!



Pavement preservation keeps good roads in good condition



By Jamal Kakrusal

Pavement treatments help maintain the functional condition of roadways. Over the past several decades, pavement preservation tactics have evolved to be more proactive than reactive. Adopting a proactive maintenance approach helps road agencies reduce the probability of costly, timeconsuming rehabilitation and

reconstruction projects.

This article describes some common pavement treatments and outlines the advantages of each treatment. It also highlights pavement treatment practices and costs outlined in Sedgwick County's Pavement Preservation Plan for 2018. Click here for a Fact Sheet.

MINK 2018 Recap

By Lisa Harris

Another successful MINK conference was held September 19-20, 2018, in St. Joseph, MO. Ninety people attended the noon-to-noon conference for local road officials and for DOT and FHWA representatives who work with locals, primarily from the Missouri-Iowa-Nebraska-Kansas (MINK) region.

Topics this year included:

- --Local road safety plans
- --Infrastructure mapping in Lyon County, KS
- -- Making sense of a winter weather forecast
- -- Using rail to deliver rock for local use
- --FHWA's competitive highway bridge funding program
- --Reducing erosion of Loess soils in Iowa
- --FHWA's Every Day Counts program, Round 5, and relevance to locals
- --Self-healing concrete
- --Kansas Local Bridge Load Rating Program
- -- Facilitated discussion at dinner

Justin Mader of the Kansas County Highway Association also gave a plug for the 2019 National Association of County Engineers (NACE) conference which will be in our region, in Wichita, KS.

Those of you who could not attend MINK missed some great networking and information-sharing, which many participants say is a highlight of the event. But you can check out the presentations from this year, which are posted at: https://ltap.unl.edu/mink-conference

Many thanks to the planning committee for MINK, which is always looking for new members. Drop me an email at *lharris@ku.edu* if you are interested in helping. The committee will start meeting (by conference call) in May 2019.



Access is now available to the AASHTO online training TC3 library

FHWA and the American Association of State Highway and Transportation Officials (AASHTO) finalized an agreement that provides local and tribal transportation professionals access to the AASHTO online training TC3 library.

The AASHTO TC3 catalogue provides over 120 courses and online training. Go to https://tc3.transportation.org/ for more information.

Please sample these courses and let Lisa Harris, *Iharris@ku.edu*, know which ones in particular you would recommend to your peers. We will pass that information along in a future *KS LTAP Newsletter*.



Share it!

Forward this newsletter to colleagues who may want to be added to our e-newsletter list. Sign up on our website at *kutc.ku.edu/ltap*.



Next year's
MINK
will be
September
25-26,
2019
St. Joseph, MO.
Mark your calendar,
and we'll see you
next year!



Guidance on design of bicycle lanes — and more

Bike lane design has been the topic of much study in recent years. Bike lane design can be quite challenging in situations where the existing urban traffic patterns are complex and cross sections are already constrained by heavy traffic volumes. Designers throughout the country develop new and better solutions each year.

The Federal Highway Administration has published its FHWA Course on Bicycle and Pedestrian Transportation as a series of lessons available for free online. Information on bike lanes is excerpted from the AASHTO Guide or the Development o Bicycle Facilities. Lesson 19 in the course highlights the design of bicycle lanes. It contains recommended design practices as well as practices to avoid.

To read this lesson go to https://safety.fhwa.dot.gov/PED_BIKE/ univcourse/swless19.cfm. You can also click on "Previous" and "Next" on that page to read other lessons from the Course.



Kansas LTAP

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Focus on portable rumble strips One factor taken from "Innovative Traffic Control Devices for Improving Safety at Rural Short-Term Maintenance Work Zones"

Rumble strips can be used to provide an auditory and vibratory cue to drivers that they are about to enter a work zone. The portable rumble strips used in a study by Michael D. Fontaine, Texas Transportation Institute, Texas A&M University System, were 12 feet long, 4 inches wide, and 0.25 inches thick. The rumble strips were installed by removing the protective backing, placing the rumble strip on the road surface, and using a weighted roller to firmly adhere the strip to the pavement. Each rumble strip installation consisted of a series of six rumble strips placed parallel to one another at 18-inch spacings.

The full article by Michael D. Fontaine, Texas Transportation Institute, (updated 2017) describes the results of the evaluation of several devices. Read it here: https://ops.fhwa.dot.gov/wz/workshops/accessible/ fontaine.htm

KUTC/LTAP staff

- Lisa Harris, Director
- Hemin Mohammed. Road Safety Resource Coordinator
- Toni Dixon, Communications & **Outreach Coordinator**
- Emily Wilder, Education **Program Coordinator**



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The KS LTAP Newsletter is back

It's been a while since you've seen an issue of the KS LTAP Newsletter and we apologize for that. The KUTC communications coordinator position has been in flux, but now our new editor, Toni Dixon, is on board, so you'll be seeing the KS *LTAP Newsletter* regularly.

If you are interested in submitting an article for consideration or have a topic to suggest for this publication, please contact us at kutc@ku.edu.

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