



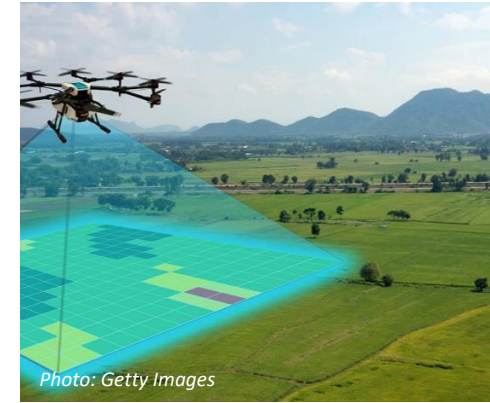
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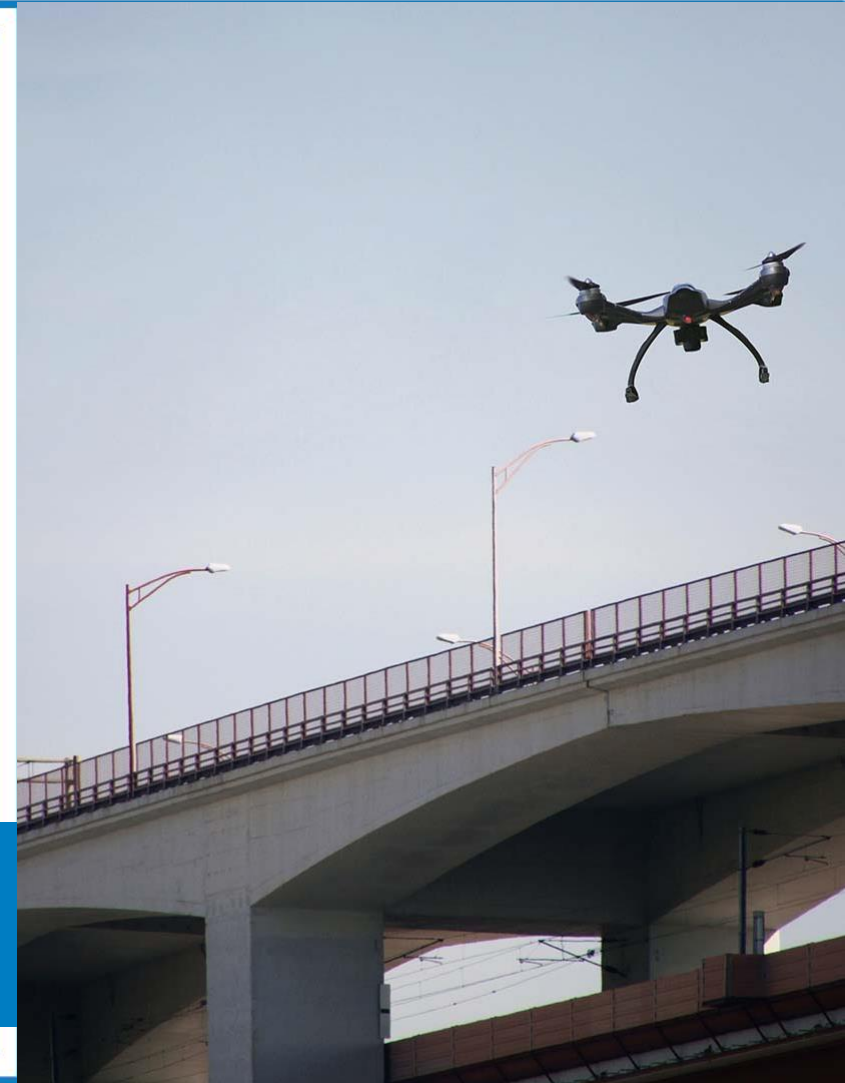
Oklahoma Unmanned Aerial Systems (UAS) Workshop

Day 2 - September 3, 2020

Welcome & Introductions

Aaron Wright, Oklahoma State University Local Technical Assistance Program (LTAP)

Jag Mallela, WSP USA, Moderator



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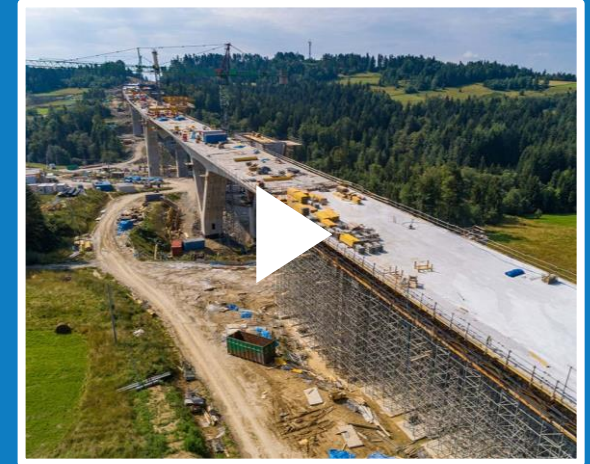
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Presentations include video.
To **maximize your bandwidth** during the workshop, we recommend you **turn off your camera** and **close all applications** running on your computer except for Zoom — especially VPN connections. Please mute your audio.

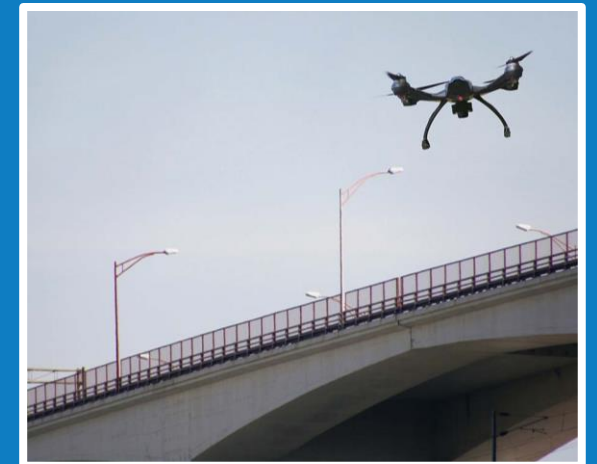
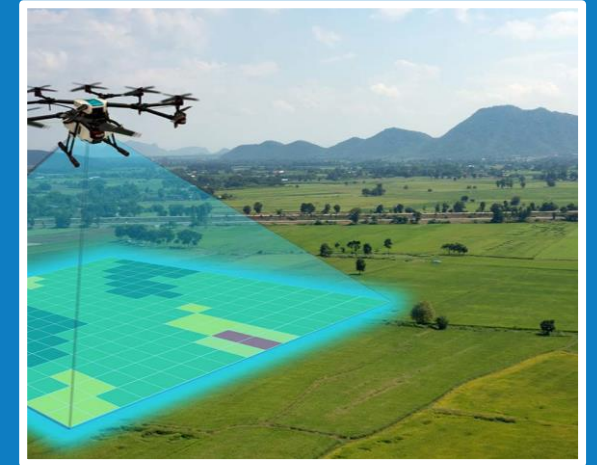
YOUR ATTENTION PLEASE



Photos: Getty Images

FHWA does not endorse specific UAS vendors and brands. Presenters may be contacted *after* the workshop to answer brand or vendor-specific questions. Contact information will be provided during the workshop.

YOUR ATTENTION PLEASE



Photos: Getty Images

Three easy ways to join the conversation with PollEverywhere.

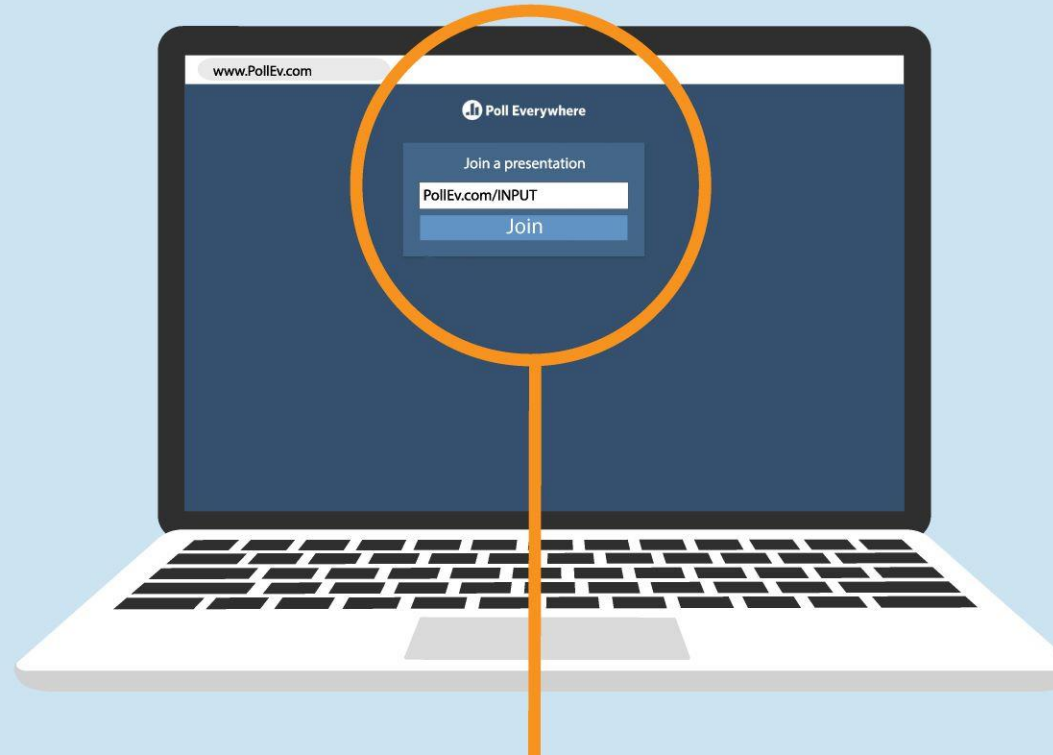
APP



Download the **free** PollEverywhere App and enter **"INPUT"** into the field reading: **"PollEv.com/username"**

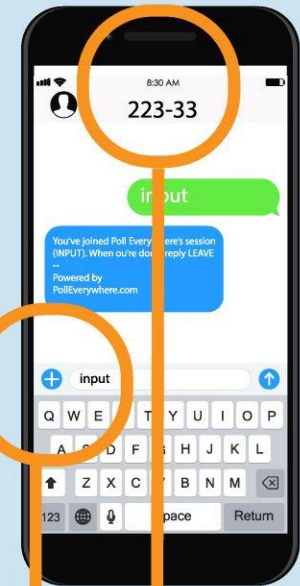


WEB



Go to **PollEv.com/input** to enter the poll via web browser.

TEXT



Text **"INPUT"** to 223-33 to enter the poll via text.

Agenda – Day 2

■ Breakout Sessions

» Track 1: Design & Construction

- J.D. D'Arville, Alabama DOT
- Paul Wheeler, Utah DOT
- John Haynes, FHWA (*Moderator*)

» Track 2: Structural Inspection

- Jennifer Wells, Minnesota DOT
- Dr. Chris Parrish, Oregon State University
- Jag Mallela (*Moderator*)

» Track 3: Emergency Response/Traffic Management

- Dr. Robin Murphy, Texas A&M University
- Ben Kelly, Utah DOT
- Huy Nguyen, FHWA (*Moderator*)

■ Closing Session with All Presenters



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Where are you participating from?

From
within
Oklahoma

From
outside
Oklahoma

What is your current employment affiliation?

State DOT

FHWA

Other Federal
Agency

Local Agency

Industry
Representative
(e.g., AASHTO,
ARTBA, AGC, etc.)



Contractor

Private
Consultant

Vendor/Supplier

Academia

Other



How do you describe your knowledge and experience with UAS?

Significant
experience



Limited hands-on
experience with
UAS

Have some
knowledge, but
no practical
experience

No experience
with UAS, but
interested



What is one thing that you would like get out of Breakout Session 1 on Design & Construction?



What is one thing that you would like get out of Breakout Session 2 on Structural Inspection?



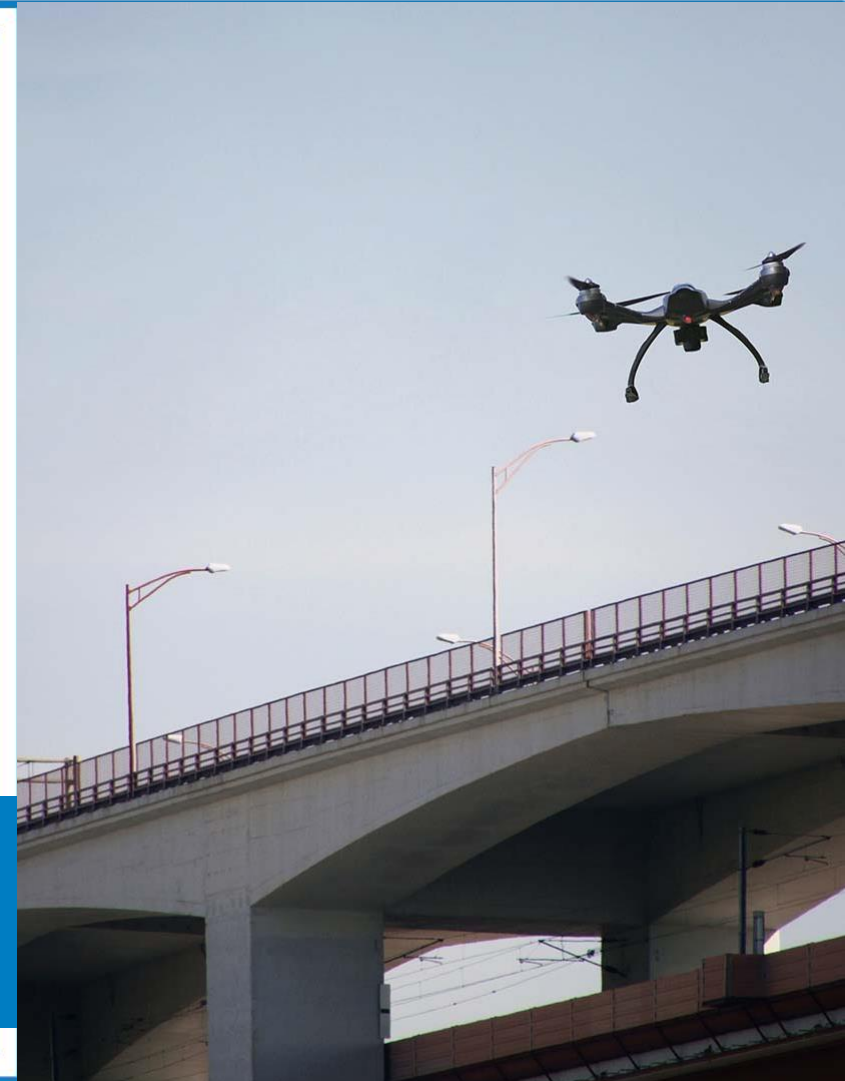
What is one thing that you would like get out of Breakout Session 3 on Emergency Response/Traffic Management?

Breakout Sessions

Track 1: Design & Construction

Track 2: Structural Inspection

Track 3: Emergency Response/Traffic Management



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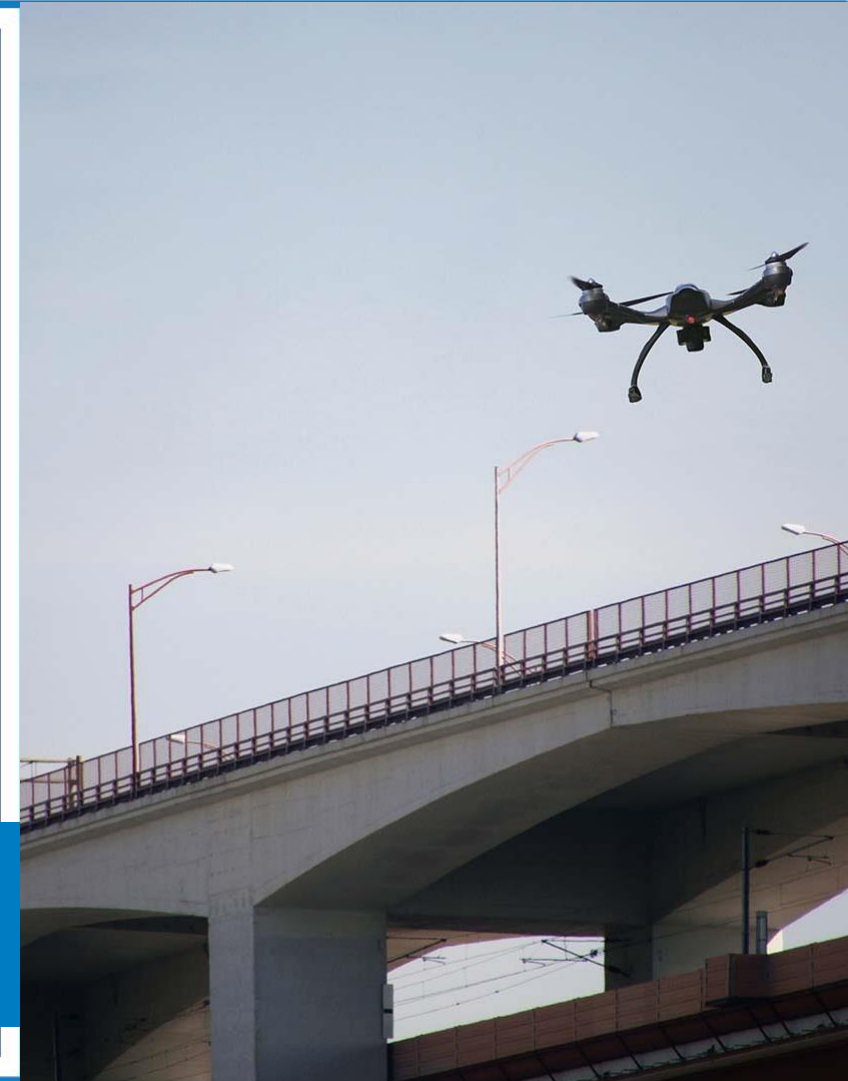


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Closing Session

Jag Mallela, Moderator

All Presenters



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Closing Session



Track 1
J.D. D'Arville
Alabama DOT
334.242.6436
darvillej@dot.state.al.us



Track 1
Paul Wheeler
Utah DOT
801.633.9998
pwheeler@utah.gov



Track 1
John Haynes
FHWA
801.955.3526
John.Haynes@dot.gov



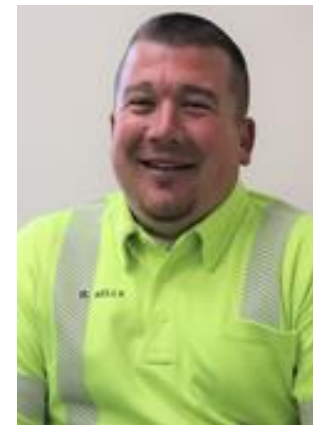
Track 2
Jennifer Wells
Minnesota DOT
651.366.4573
jennifer.wells@state.mn.us



Track 2
Dr. Chris Parrish
Oregon State University
541.737.5688
Christopher.Parrish@oregonstate.edu





Track 3
Dr. Robin Murphy
Texas A&M University
robin.r.murphy@tamu.edu



Track 3
Ben Kelly
Utah DOT
801.887.3724
bmkelly@utah.gov



Track 3
Huy Nguyen
FHWA
405.254.3345
Huy.Nguyen@dot.gov



How has this workshop impacted your knowledge of UAS programs?

I considered myself very knowledgeable prior to this workshop and this was a review for me.

I am more knowledgeable about UAS applications after this workshop.

I am significantly more knowledgeable about UAS applications after this workshop.



My expectations for this workshop were effectively met:



Strongly Agree

Somewhat Agree

Neutral

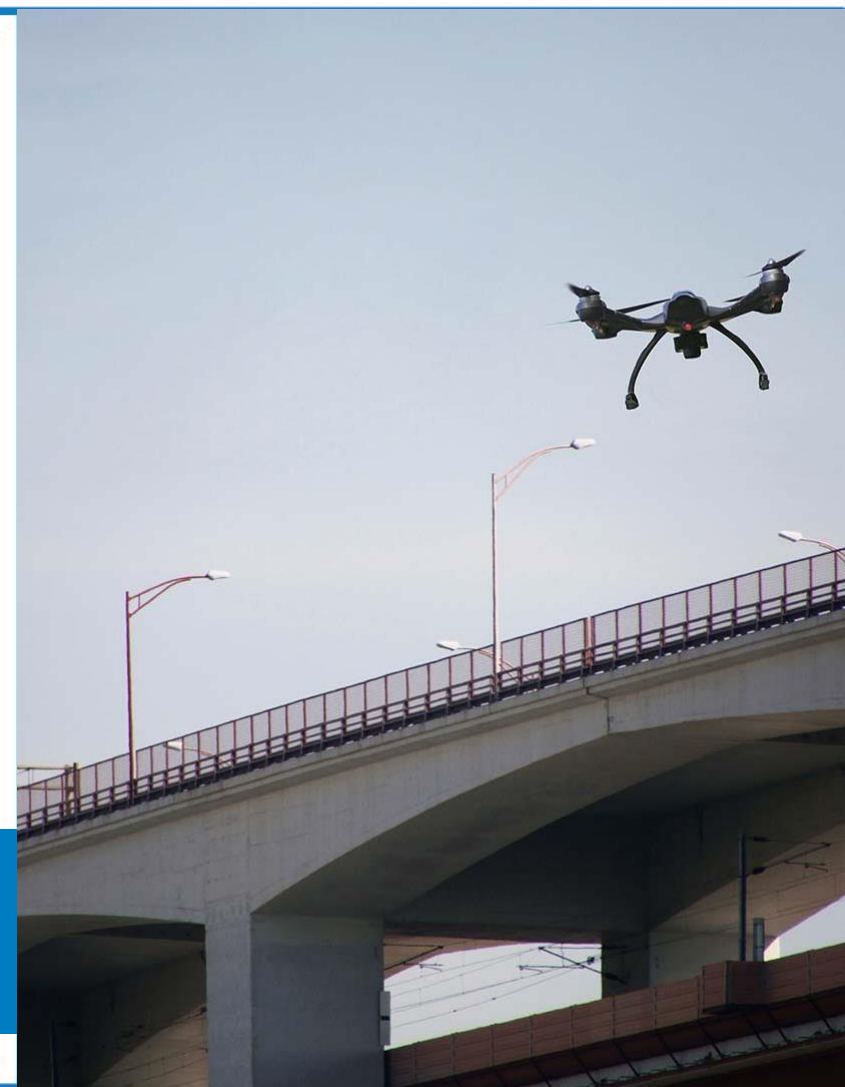
Somewhat Disagree

Strongly Disagree

Final Remarks

Aaron Wright, OSU LTAP

Thank you for attending!



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LTAP Wildland Fire Training!

Information 

EVENTS

Testing For Soil Properties - Roads Scholar Course 3 REGISTER HERE!!

Testing for Soil Properties (Roads Scholar Program - Course 3) - This two-day course covers the tests used to test soils for their engineering properties. Sieve analysis, Atterburg limits, Proctors and nuclear density tests are discussed and practiced by the students in a laboratory. Emphasis is placed on explaining how these tests can be used to improve the quality of county and city roads. The class is free, but you must register to attend!!

Wildland Fire Training 2020 Schedule!! REGISTER HERE!!

This one-day course addresses information

LTAP Concrete Basics Class!! REGISTER HERE!!

Learn the basics of Concrete! Whether you are new to the industry or a seasoned veteran, everyone can benefit from learning the basics of concrete. In this class you will learn about concrete materials, best practices in construction, concrete issues, and repair basics. At the conclusion of this class you will be familiar with the best practices for concrete construction, including: Materials, quality testing, constructions, and repair basics. The class is free, but you must register to attend!

Aggregate Road Maintenance Roads Scholar - Course 1



Oklahoma
Certific
Be a
wi

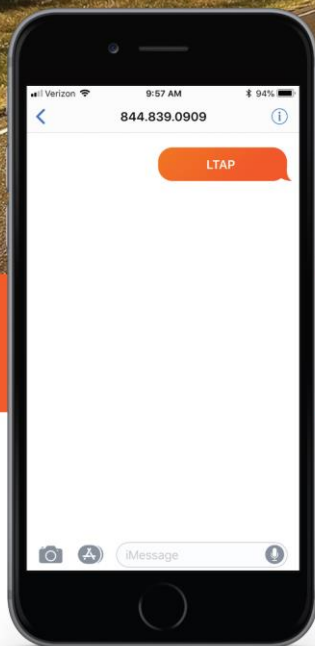
Check out LTAP's website for trainings and resources:
ltap.okstate.edu



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**Be Informed! Get Connected!
Be In The Know!**

**TEXT LTAP to
844.839.0909**



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ALERTS SENT TO YOUR PHONE!**

Or Hover Over the QR code
to opt-in instantly!



MESSAGE & DATA RATES APPLY

