Modern Data Management

for Crowdsourced and Broader Transportation Agency Data

Webinar sponsored by the
FHWA Every Day Counts Round 6 (EDC-6)
Crowdsourcing for Advancing Operations Initiative
June 8, 2021

U.S. Department of Transportation
Federal Highway Administration

Every Day Counts
Innovation for a Nation
on the Move

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Webinar Agenda

1:30 PM   FHWA's Crowdsourcing for Advancing Operations Innovation Updates

1:40 PM   Platforms to Support Emerging Data – What Goes to the Cloud?

2:00 PM   Data Business Plan – Guide and Lessons

2:20 PM   Joint Data Strategy – Georgia DOT and the Atlanta Regional Commission

2:40 PM   Question & Answer

Source: Unsplash

Every Day Counts
Innovation for a Nation on the Move

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Today's Host and Presenters

Greg Jones
Webinar Host
FHWA Resource Ctr.

Benjamin Pecheux
AEM Corporation

Matt Glasser
Georgia DOT

Walter During
FHWA Office of Transportation Management

Kofi Wakhisi
Atlanta Regional Commission

U.S. Department of Transportation
Federal Highway Administration

What is Every Day Counts?

State- and local-based model that identifies and rapidly deploys proven, yet underutilized innovations to:

- Shorten Project Delivery
- Enhance Roadway Safety
- Reduce Traffic Congestion
- Integrate Automation

EDC

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Why Crowdsourcing for Operations?

✓ Improve Operations

✓ Increase Safety and Reliability

✓ Save Cost

Source: FHWA

Source: FHWA

Source: Pixabay

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APPLICATION AREAS

Traffic Incident Management
Source: FHWA

Traffic Studies
Source: Pixabay

Road Weather Management
Source: Pixabay

Traveler Information
Source: Pixabay

Performance Management
Source: Pixabay

Arterial Management
Source: Unsplash

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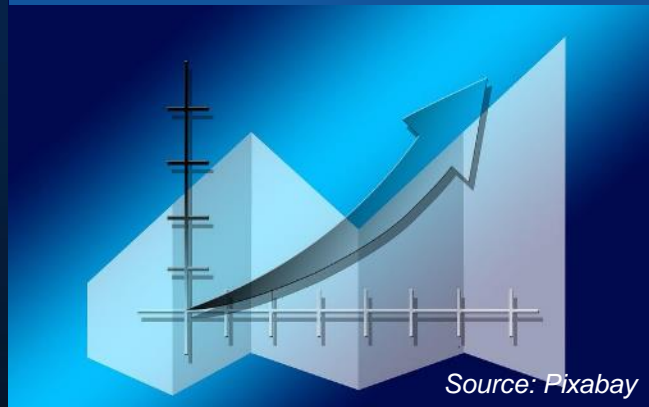
APPLICATION AREAS

Freeway Management
Source: FHWA

Work Zone Management
Source: Unsplash

Road/ITS Maintenance
Source: Pixabay

Project Prioritization
Source: Unsplash

Emergency Management
Source: Pixabay

Other Applications?
Source: Pixabay

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Ben Pecheux
Chief Data Scientist
AEM Corporation

Platforms To Support Emerging Data
What goes in the cloud?

Walter During
Transportation Specialist
FHWA Office of
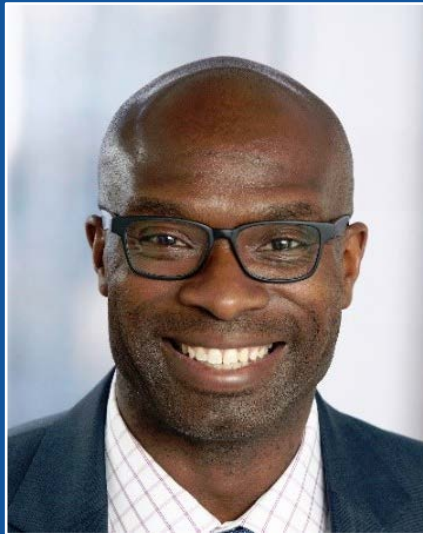Transportation Management

The Data Business Plan
Guide and Lessons

Presenters Questions?

Benjamin Pecheux
AEM Corporation

Matt Glasser
Georgia DOT

Walter During
FHWA Office of Transportation Management

Kofi Wakhisi
Atlanta Regional Commission

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EDC Crowdsourcing Resources

- Workshops and peer exchanges

- Technical assistance

- Crowdsourcing Cohorts

- Adventures in Crowdsourcing webinar series

- Website – factsheet, FAQs, sample applications

- Subscribe to Crowdsourcing E-News

Source: FHWA
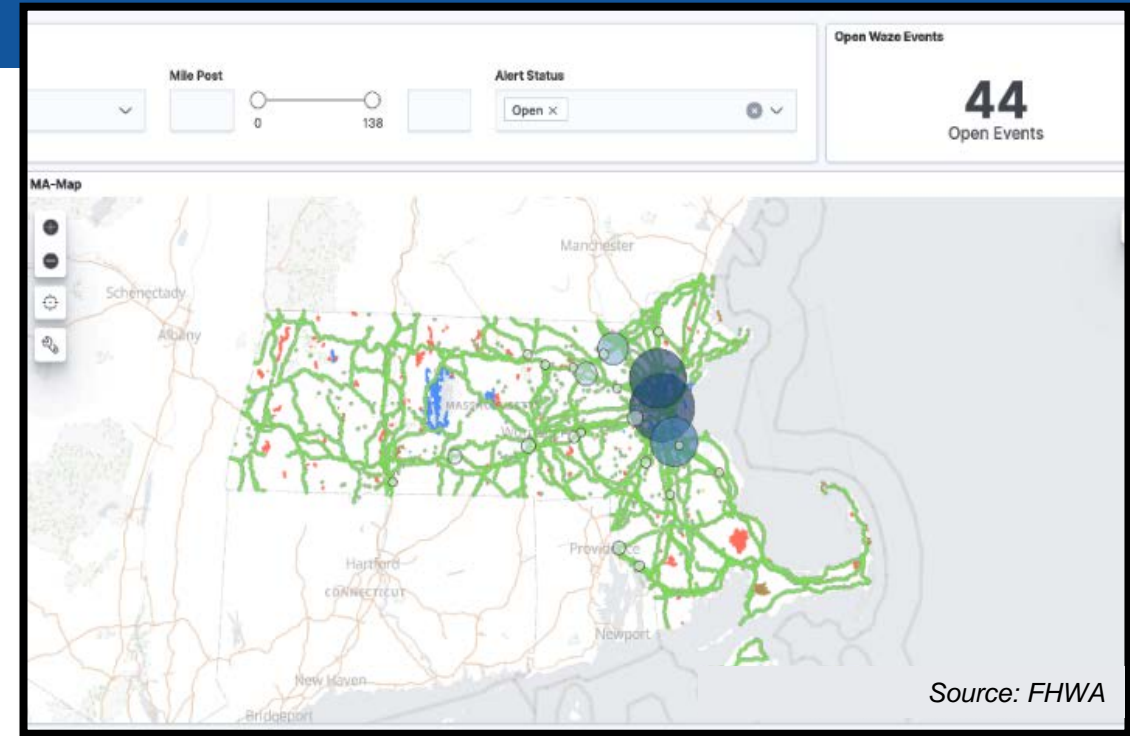
EDC-5 Technical Support – Proof of Concept Real-time Dashboard

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Tell Us How to Improve this
Adventures in Crowdsourcing
webinar series

Please answer the four simultaneous poll questions.

What New Topics?

Share?

Recommend To Peers?

Information Usefulness?

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Poll Questions 1 - 4

1. What topics would you like to see in upcoming Adventures in Crowdsourcing webinars?

2. Does your program wish to share / present during an upcoming webinar? If yes, please enter your email.

3. Would you recommend this webinar series to a friend or colleague?

0 = not at all likely
10 = extremely likely

4. How informative/useful were the presentations today?

1 = not informative
5 = very informative

Thank you

Questions / Comments Please?

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