

Key Message

Welcome to the December edition of e-Construction News!

As the year draws to a close, it's with great pleasure that we present the December edition of the LADOTD e-Construction Newsletter. This final newsletter of the year encapsulates the progress, achievements, and invaluable contributions made by each member of our esteemed team.

Throughout 2023, we've collectively worked toward a more connected Louisiana, and this newsletter serves as a testament to those efforts. As we enter December, a month filled with reflection and celebration, we're excited to share stories, updates, and insights that highlight our journey and the milestones we've achieved together.

Your contributions have been instrumental in our collective success, and we're immensely grateful for your hard work and dedication.

Should you have any thoughts, feedback, or stories to share, please don't hesitate to reach out. Your input is invaluable to us.

-LADOTD e-Construction team

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Upcoming Calendar

Monthly Webinar

SIGN UP

JOIN

12/12/23 | 10:00AM CST

This month we welcome Brett Morgan and Dallas Baller to give us an update on traffic control procedures.

HeadLight will lead a short session on alternative views in the journal section of Fieldbook.

Q&A Session

SIGN UP

JOIN

12/19/23 | 10:00AM CST

The conversation continues with a Q&A session this month! Bring your questions, concerns, and ideas and we'll provide the answers.

Micro Learning

****Canceling this month due to the holiday season.****

Q&A and Feedback

Don't like asking questions or sharing your feedback on Zoom calls? We get it. Tap the buttons and do it here!



e-Construction's Les Fletcher assisting the materials lab with a training video.

Resources



HeadLight Support



HeadLight Academy



FAQ Document



HQ Construction



e-Construction Email



Webpage

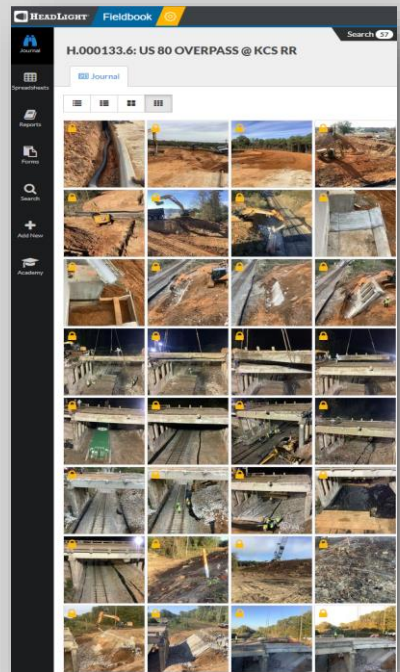
HeadLight Heroes

Glenn Michael Breland (District 05)

In the spotlight today, we acknowledge the remarkable efforts of Glenn Michael Breland. Glenn Michael has consistently completed reports on project H.000133.6 using HeadLight. His commitment to submitting these reports on a daily basis is truly invaluable. We understand that Glenn Michael juggles numerous responsibilities, but his ability to form and maintain such productive habits is commendable. As John Maxwell wisely stated, "Small disciplines repeated with consistency every day lead to great achievements gained slowly over time."

Report ID	Date	Author	Status	Role
LADOTD 0506	Nov 28, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 27, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 26, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 25, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 24, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 23, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 22, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 21, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 20, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 19, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 18, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 17, 2023	GlennMichael Breland	Approved	Authorized to Submit
LADOTD 0506	Nov 16, 2023	GlennMichael Breland	Approved	Authorized to Submit
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H.000133.6: US 80 OVERPASS @ KCS RR

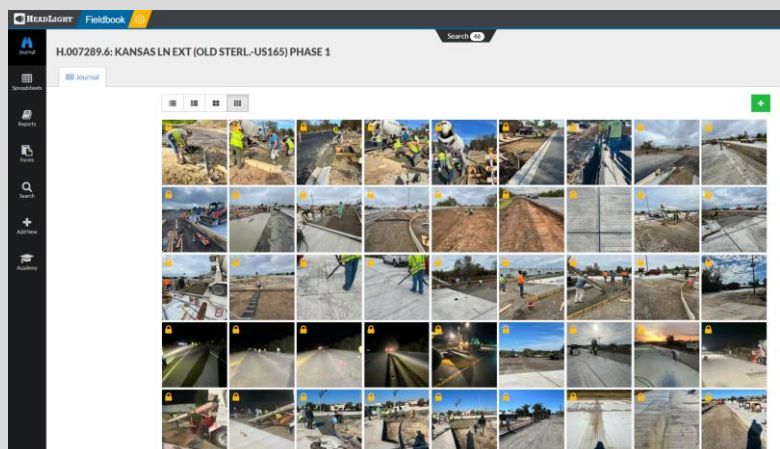


Glenn Michael Breland, we extend our heartfelt gratitude for consistently putting your best foot forward and contributing to the success of the project!

Jason Onellion

(Infrastructure Construction and Engineering)

In the world of project management, few individuals possess the ability to seamlessly intertwine data and visual storytelling quite like Jason Onellion. With his exceptional skills, Jason has taken project H.007289.6 to new heights, captivating team members alike with his meticulously curated images. Each image is not only a testament to Jason's eye to capture but also a valuable tool in understanding the project's progress. By diligently adding labels and providing additional context, Jason ensures that all data is easily comprehensible, empowering everyone involved to stay efficient and on schedule.



H.007289.6: KANSAS LN EXT (OLD STERL.-US165) PHASE 1

Jason's dedication and hard work are truly commendable, and we extend our heartfelt gratitude for his contributions. Thanks for all the Hard work Jason!

VIRTUAL COURSES & TRAINING

November e-Construction Webinar



Missed the November e-Construction webinar?

Click the quick links in the YouTube description to go straight to the information you need.

- 0:00 Introduction
- 4:15 Q&A
- 10:00 File Observations
- 19:40 iPad Shortcut App
- 29:25 HeadLight Academy
- 35:18 Lab Documentation Discussion/Demo
- 48:50 Closing Remarks

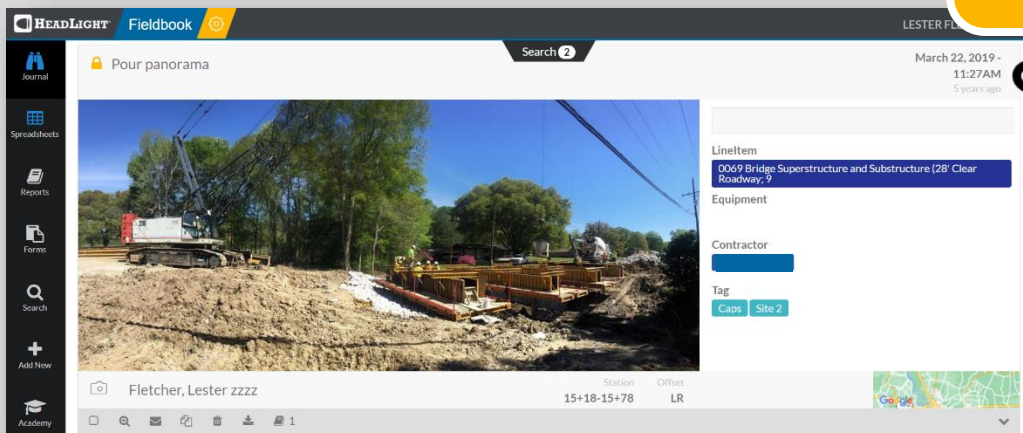


Tips and Tricks

Panorama Image

Did you know that the HeadLight Fieldbook seamlessly handles panoramic images? Panoramas are an excellent way to showcase the complete work area within a project. Plus, your iPad comes pre-equipped with a feature that not only supports this format but also digitally incorporates an ultra wide lens into the device. **Explore Apple's tutorial to learn how to maximize this capability.**

Panorama Tutorial



e-CONSTRUCTION HIGHLIGHTS

FHWA Article



Patrick Icenogle, the e-Construction manager for LADOTD, was recently assigned the task of helping to craft an article centered on LADOTD's e-Ticketing pilot projects. This piece, titled "Cajun and Creole e-Ticketing Cuisine in Louisiana," was curated for a FHWA publication and has been distributed nationwide.

You can find the article on the following page.



e-CONSTRUCTION HIGHLIGHTS

Innovation In Project Delivery

November 2023

Cajun and Creole e-Ticketing Cuisine in Louisiana!

The Louisiana Department of Transportation and Development (LaDOTD) recognized many of the flavor enhancements of e-ticketing early in the implementation process. Those enhancements were less paper, more time in the field, and less trips to the office.

The LaDOTD started early in 2021 identifying existing recipes for success with e-Ticketing. In particular, they reviewed the Iowa DOT and AASHTO specifications. Based on these two examples and coordination with Louisiana solution providers, materials providers, and contractor special provision to pilot e-Ticketing in Louisiana was developed. Pilot projects advanced in 2022 were for concrete and asphalt paving projects, using differing solution provider technologies. In 2023 several additional asphalt paving projects were piloted. Figure 1 presents e-Ticketing being used in Louisiana.

In review of the pilots, the e-Tickets were filled out and easier to read than the paper tickets of the past. It was also observed that some of the plants were entering data into the generic text fields, such as lot numbers, project names, and materials name. This non requested additional information was a great help to the field inspectors. Other benefits identified were improved data management, GPS and timestamp capturing, and greater transparency of material from the plant. Some areas for improvement included trucks being rejected at the plant because of reported issues on e-Tickets, multiple software solution providers and interconnectivity, unique data cell identification, and some users thought it was more work.

To work with these areas for improvement, LaDOTD provided education to inspectors and industry regarding the e-Ticketing application and how it performs the calculations. The LaDOTD also began working with solution providers to identify a common data format and ticket appearance, regardless to the solution providers technology. With the lessons learned in the pilots and changes embraced, the LaDOTD is developing of a specification that will be incorporated into projects being advertised in 2024. In addition, LaDOTD had worked with a solution provider for a license to access their [e-Ticketing platform](#). Beyond 2024, LaDOTD is looking to have the e-Ticketing technology help with tracking and validation of mitigation efforts associated with alkali silica reactivity with aggregates in concrete.

If you would like to learn about LaDOTD's accelerated deployment Sourceof e-Ticketing, please contact [Mr. Patrick Icenogle, P.E.](#), LADOTD e-Construction Engineer. If you would like to learn more about FHWA's efforts with e-Ticketing please contact [Ms. Kathryn Weisner](#), P.E., FHWA Construction and Contracts Administration Engineer.

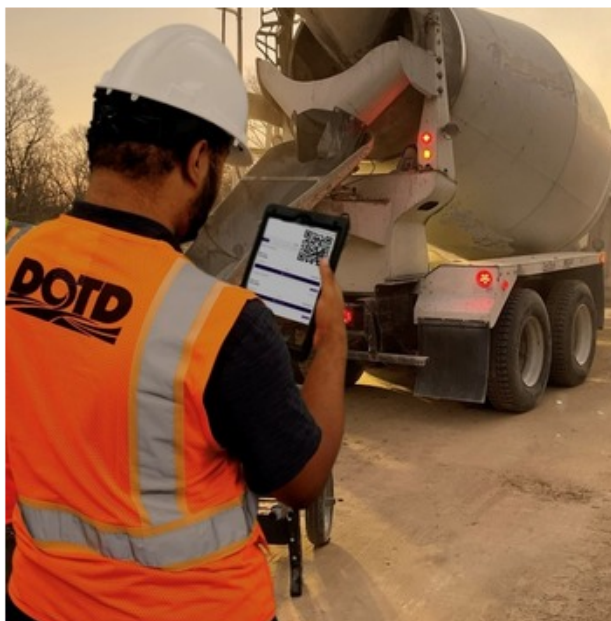


Figure 1: Louisiana DOT e-Ticketing
Source: Louisiana DOT