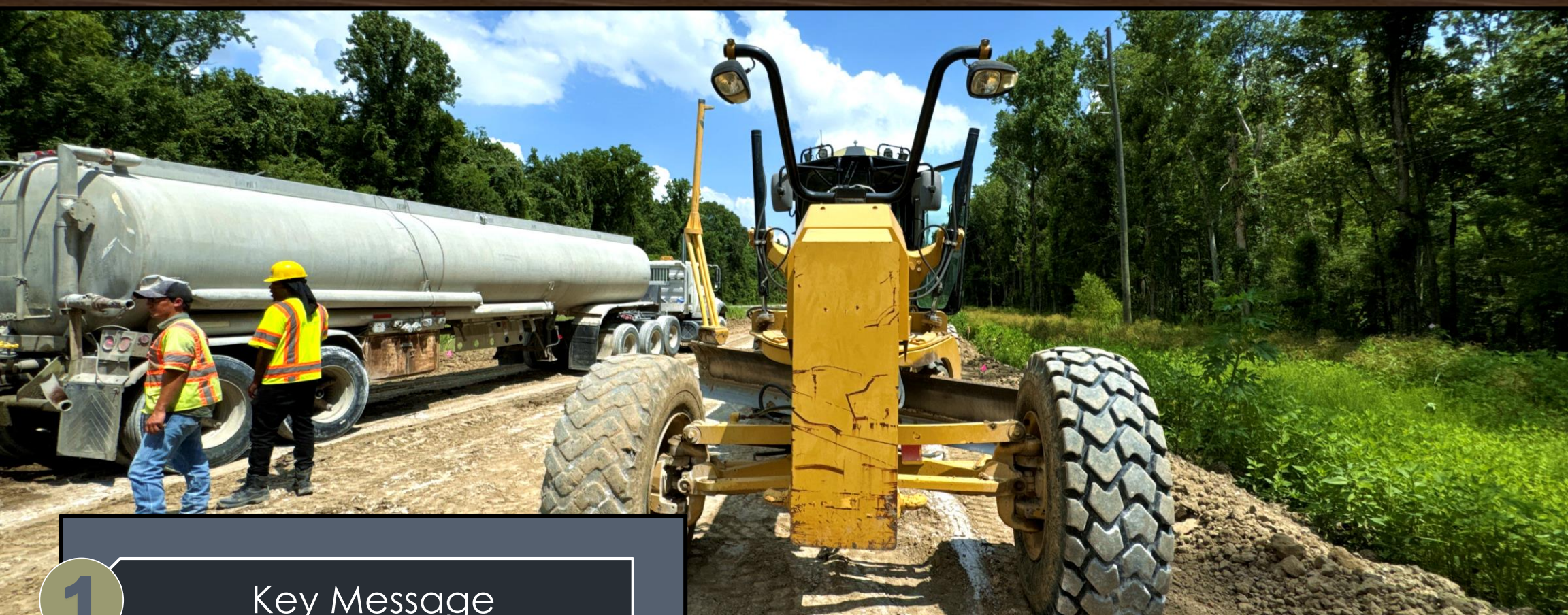


E-CONSTRUCTION NEWS

July 2024 Edition



1 Key Message

1 Upcoming Calendar

1 Resources

2 HeadLight Heroes

3 Training

3 e-Construction Highlights



Upcoming Calendar

Monthly Webinar

7/16/24 | 10:00AM CST

Webinar moved from 7/9 to 7/16

JOIN

Q&A Session

7/16/24 | 10:00AM CST

Cancelled (webinar moved to this time slot)

Micro Learning Session

7/25/24 | 10:00AM CST

JOIN

Basic Fieldbook Training

7/18/24 | 9AM-11AM CST

JOIN

Welcome to the July edition of our newsletter!

Key Message

June was filled with e-Construction training opportunities. We're excited to share that we recently conducted a unit training for HaulHub e-Ticketing and work zone capture. The work by HaulHub to provide us with tools to capture live work zone data and get that information to the traveling public efficiently will be instrumental in keeping our project work zones safe. Additionally, last month we completed a Basic HeadLight Fieldbook training for new users. HeadLight also provided a full sample training session with SamplePlan and Materials (video link in the "Training" section). These trainings are a significant step in equipping our teams with the skills needed to enhance project documentation and streamline our workflows. The participation from everyone involved underscores our collective commitment to embracing new technologies and improving project outcomes.

-LADOTD e-Construction team

Don't forget to recognize your outstanding colleagues by nominating them to be a HeadLight Hero! If you know someone who is excelling in project documentation and going above and beyond, give them the recognition they deserve.

Resources

FAQ

HeadLight Support

Questions Survey

e-Construction Support

Feedback Survey

HeadLight Academy

Webpage

Click the trophy to nominate a HeadLight Hero!



E-CONSTRUCTION NEWS

July 2024 Edition

HeadLight Heroes

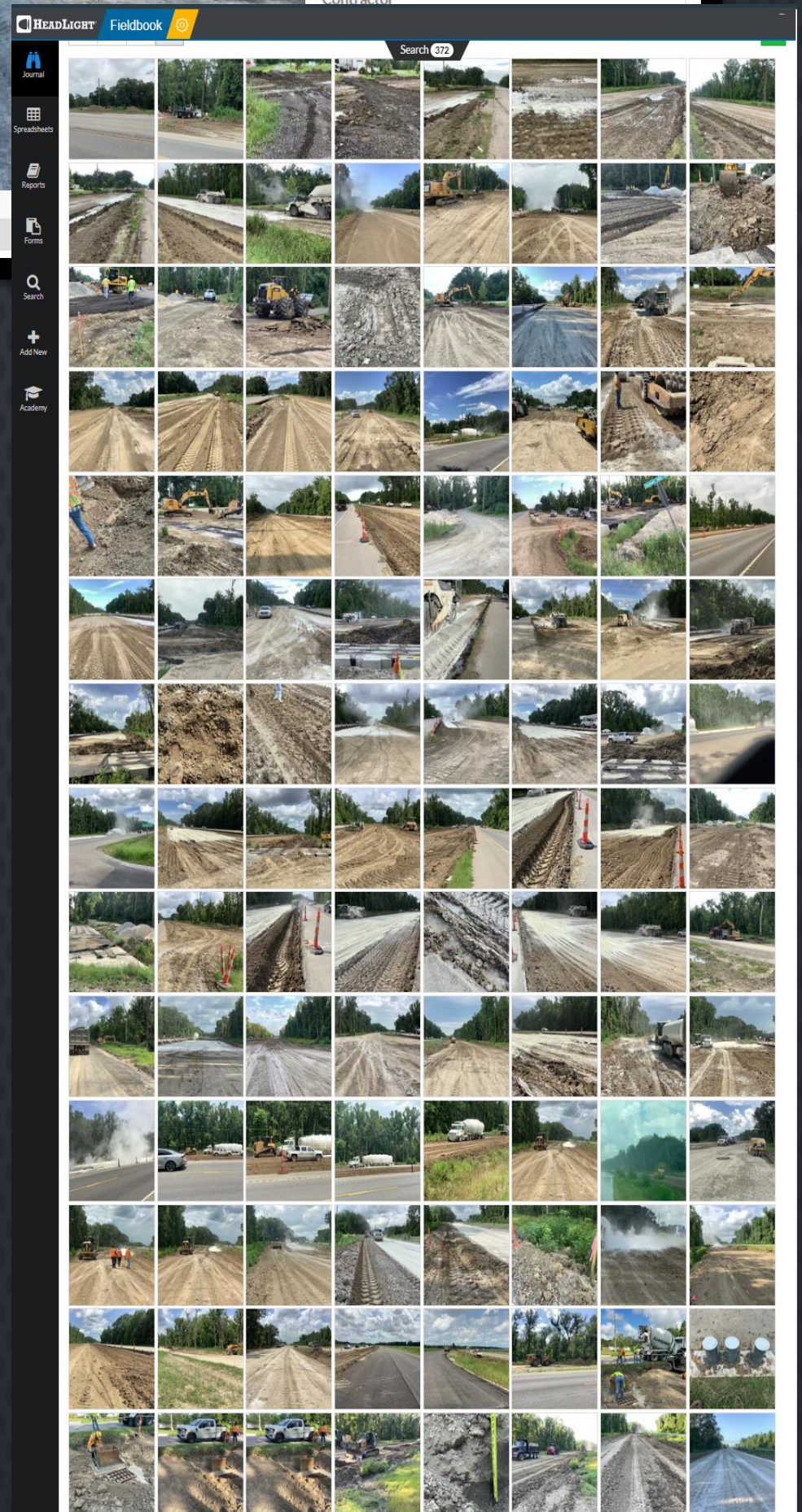
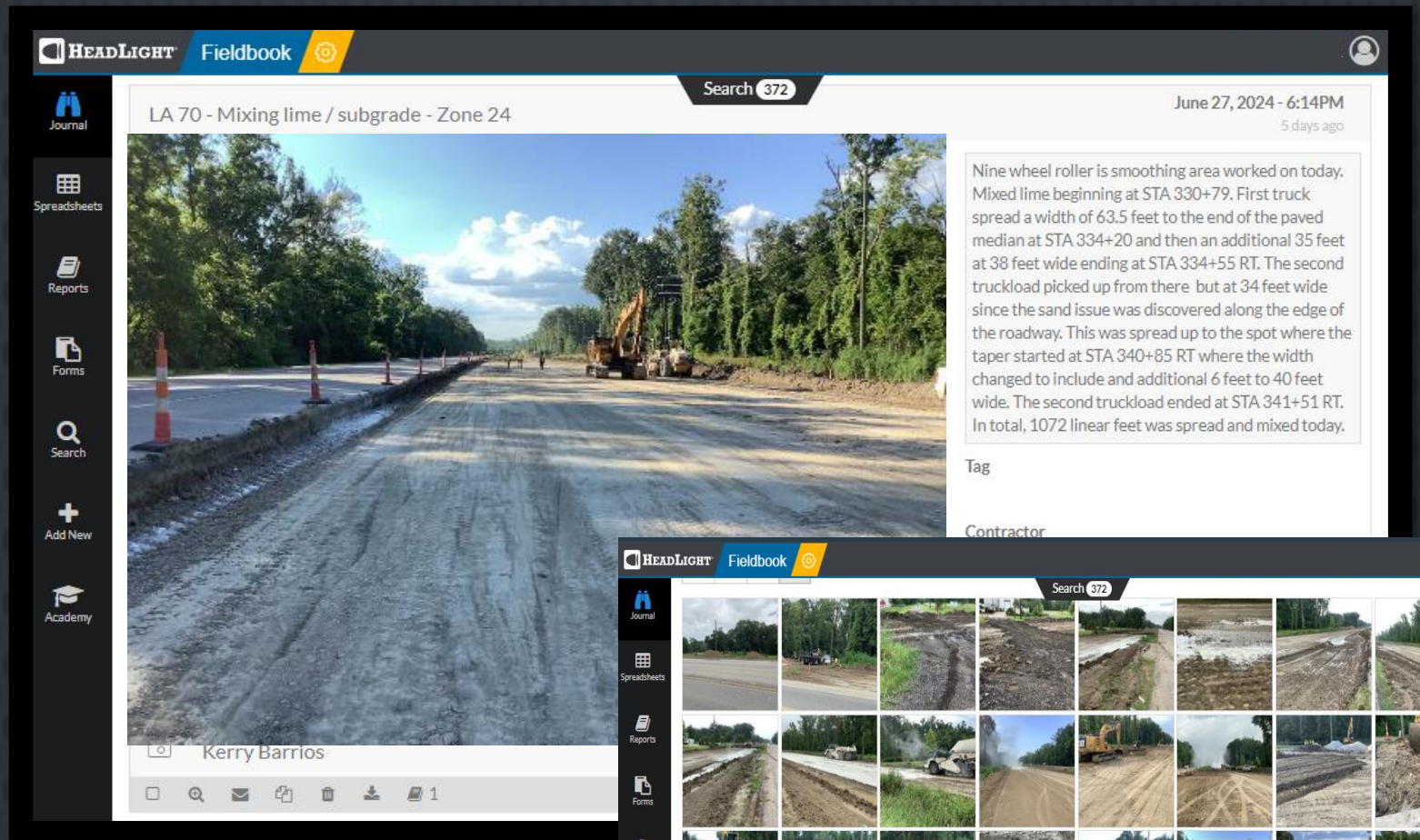
District 61

H.002424.6: LA 70: SUNSHINE BRIDGE - LA 22

Jamie Barrios

Jamie Barrios, an inspector in District 61 at the LADOTD, has been recognized as July's "HeadLight Hero." This accolade comes in the wake of his exceptional documentation efforts on project H.002424.6.

Jamie was nominated by one of his peers for his thoroughness and dedication. In June alone, he added nearly 400 images and provided extensive context in his observations within HeadLight. This level of detail not only enhances the project's documentation but also ensures that all aspects of the work are meticulously recorded and communicated. Approaching his one-year anniversary at LADOTD in September, Jamie has quickly established himself as an invaluable member of the team. His commitment to excellence is evident in every task he undertakes. Special recognition is also due for Jamie's contribution to the development of future engineers. He recently took the time to guide HQ Construction's student engineering interns around the project site, providing a hands-on explanation of the subgrade stabilization process. This effort underscores his dedication to sharing knowledge and fostering the next generation of engineering professionals. Thank you, Jamie, for your outstanding work and for your willingness to educate and inspire others. Your contributions significantly enhance the quality and success of LADOTD projects.



E-CONSTRUCTION NEWS

July 2024 Edition

Training



June Webinar

Click on the YouTube logo to watch.



- 0:00 Introduction
- 2:50 HeadLight annotations
- 6:30 Updates/Q&A
- 40:30 Portal update
- 46:05 Materials update



- 0:00 Introduction
- 1:30 HeadLight SamplePlan
- 9:45 HeadLight Materials
- 24:15 Q&A/ Material code selection
- 30:00 HeadLight Materials continued
- 33:25 Q&A/ form submittal discussion
- 41:00 HeadLight Materials continued
- 45:45 Q&A/ Lab lot samples discussion
- 51:40 Project example: certification samples/forms



e-Construction Highlights

Presented by Patrick Icenogle, P.E., MSCE at Recent LCA and LAPA Conferences

LaPave Update

Patrick's recent presentations at the LCA and LAPA conferences showcased the impressive progress of the LaPave system:

- **1,030** approved asphalt mix designs
- **939** assigned to projects
- **3,790** production lots created
- **2,092** approved concrete mix designs
- **1,606** assigned to projects

Headlight Update

Key updates on the Headlight system, as presented by Patrick, include:

- **Contract Administration:** Pilot projects are being prepared for the next couple of months, focusing on general contract management, estimates, processing through LaGov, and change orders. A statewide rollout is planned for Q3 and Q4 of 2024.

- **Laboratory Information Management System (LIMS):**

Development is in progress, with tablets being distributed to DOTD lab users. The LIMS will enhance sample management and testing templates for field, district lab, and central lab users, with pilots expected in Q3 or Q4 of 2024.

E-Ticketing Update

Patrick's updates on the e-ticketing system highlight its positive reception and the move towards digitalization:

- **Demonstration Period:** Successfully completed with positive feedback from users.
- **Digital Tickets:** Replacing paper tickets, hosted by HaulHub as part of the AASHTOWare package.
- **Current Implementation:** Active in 11 plants across 23 projects, with more plants in the process of setup.
- **Specification Pending:** Under review by the specification committee for formal adoption.

Shifting Focus

Patrick emphasized the importance of enhancing productivity and efficiency:

- **Building and Connecting Tools and Data:** Fostering connections across preconstruction, construction, design, survey, GIS, and asset management.
- **Digital As-Built:** Serving as a comprehensive repository for lifecycle asset management.

Federal Grants and ADCMS Projects

Patrick's presentations also covered the involvement in advanced digital construction management systems projects:

- **Connected Work Zone Equipment:** Enhancing safety and quality by integrating data from work zone equipment.
- **Digital As-Built – Pavements:** Leading efforts to standardize data capture of pavement structures during construction, aiming for enhanced data usage throughout the asset lifecycle.



LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT