

# DOT e-Ticketing for Concrete

Maryland Department of Transportation  
State Highway Administration  
Office of Construction

# What is E-ticketing

- Provides a digital means to produce, transmit, and share materials data to track and verify materials deliveries.
- Benefits to E-ticketing includes:
  - Cost Effective
  - Easy to Use
  - Transparency
  - Improved Safety
  - Maximize Productivity
  - Minimize Delays
  - Reduce environmental impact
  - Centralized Date

# Partnering with HAULHUB

---

- Member of AASHTOWare Products and Service Catalog
- Any Point of Sale Vendor
- Asphalt, Concrete, and Aggregates

**DOT**

POWERED BY **HAULHUB**  
TECHNOLOGIES

[www.e-dot.com](http://www.e-dot.com)

**AASHTOWare**  
ALLIANCE PROGRAM

**AGC**  
THE CONSTRUCTION  
ASSOCIATION

## DOT e-ticketing:

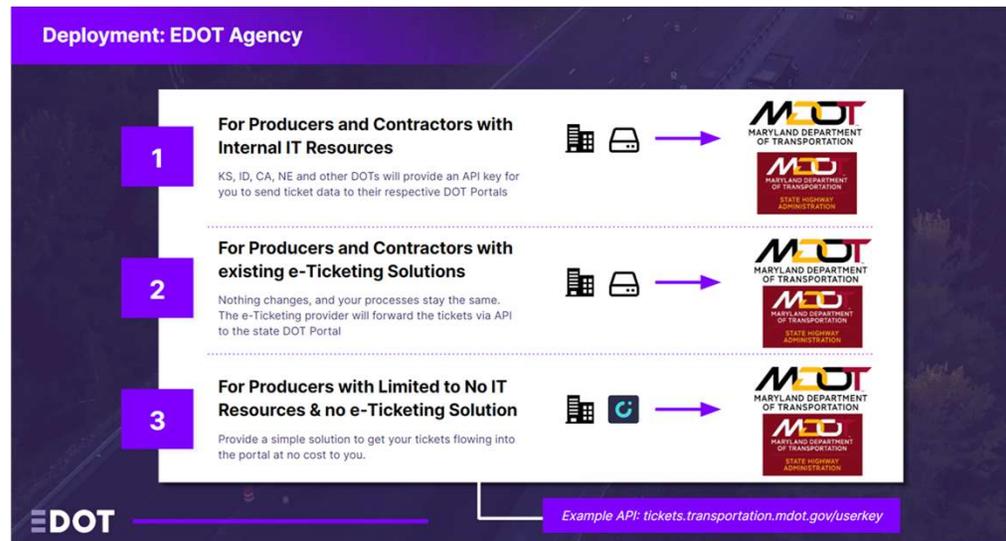
### \*JOBslip, SupplierCI, and DOT E-Ticketing

- JOBslip
  - Application for all your contractors that are on the job
- SupplierCI
  - Application for suppliers that are producing the material
- DOT E-Ticketing
  - Digital ticketing data sent from the producer's scale in real time



# Connecting with supplier/producers current eTicketing Point of Sale Systems (POS)

- No additional cost to supplier
- HaulHub assists in configuring the interface to connect with MDOT Portal
- SupplierCI adapts to suppliers POS through an API through HaulHubs technical resources



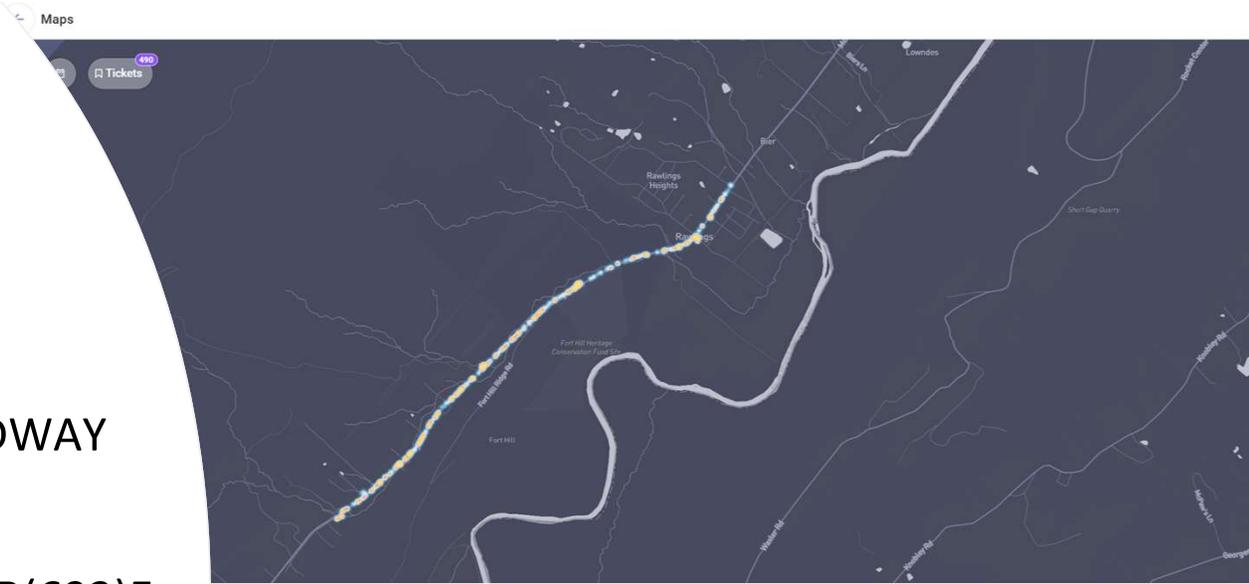
## What does this mean for the contractors & how will they be involved using the solution

- JOBSlip and DOT E-Ticketing are mirrored application
- MDOT Portal provided the contractor with complimentary access to the mobile app JOBSlip.
- Eliminates the need for paper filing
- It Keeps Everyone Safe
- No changes to workflow

**State Project #: XY8015177R**

**MILL, PATCH AND RESURFACE ROADWAY  
PAVEMENTS AT VA**

**Federal Project #: AC-STBG-NHPP-000B(692)E**



**Delivered** 11/12/2023 8:20 PM EST

Mark as Pending More Actions

Ticket Audit log Test results Map Photos

**Raw Ticket Data** Hide Details

Plant	Waverly Road Plant	Created/Printed	11/12/2023 07:43 PM EST
Supplier	Bell Paving	Supplier Code	BPC 1 01 400
Customer Name	Bell Paving Inc	Contact #	
District	District 6	Job	AL543053
Job #	9940	Proj #	
Job Site Location	US 225 Rawlings...	Origin Address	
Phase	1	Phase Description	
Dispatch #		Connected DOT/Project Number	XY8015177R
Trailer	Quarry Ridge Corporation	Truck	871
Product	1228	Product Description	12.5mm Level Two RAP
Product Code	H176A12R2001	Customer Phone	BPC 1 01 400
Plant Phone	304-726-7009	To-Date Loads	734
Regular Rates	150/1.84	Load	6
Daily Total	147.09	Inspector	Bobby Ledbetter

**Weights** Show Details

**Reconciliation** Show Details

**DOT Inspector Review** Delivered Hide Details

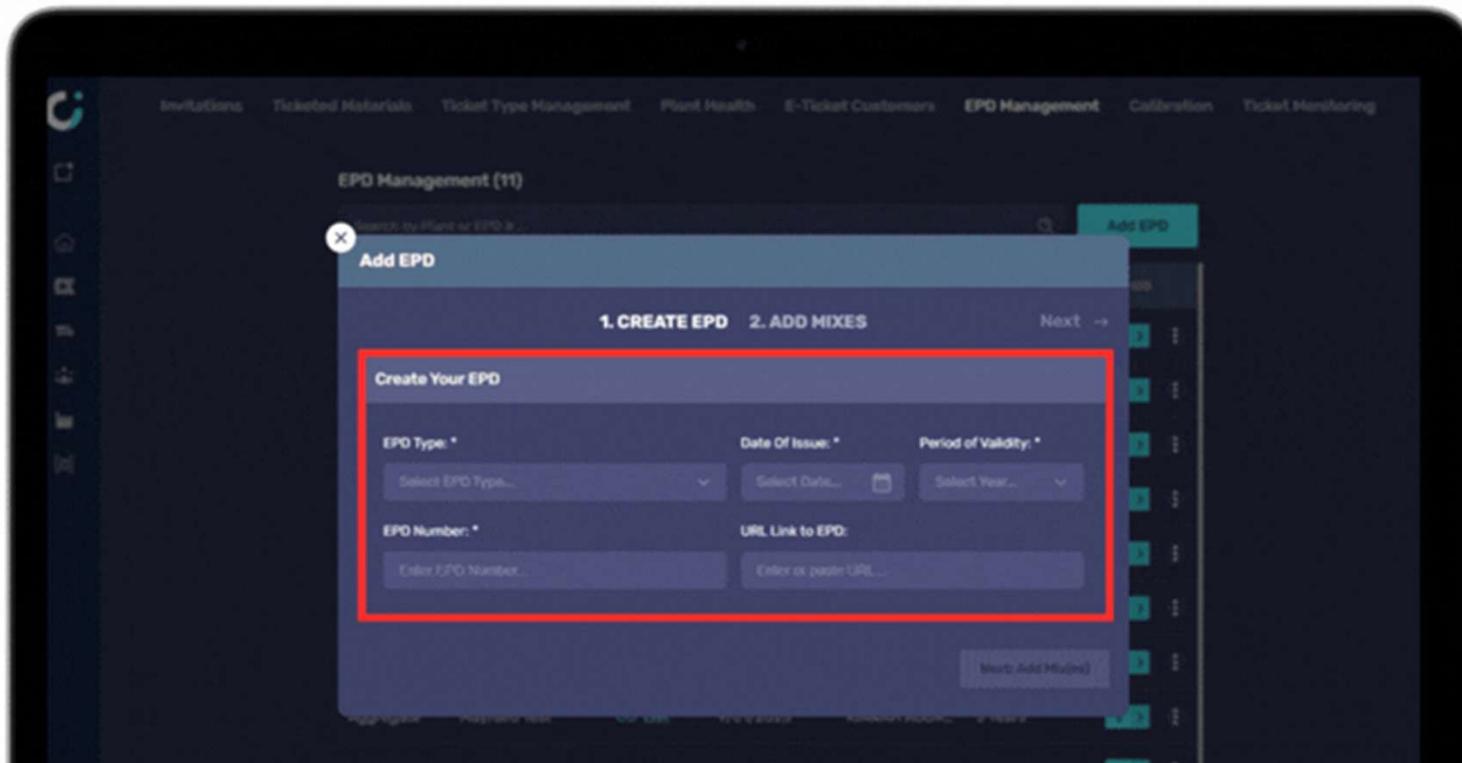
Signed by  
**Thomas Dorsey**  
11/12/2023 8:20 PM EST  
Reason For Rejection

TD

Plant Temperature Field Temperature 308.00

# Environmental Product Declarations (EPDs)

Suppliers can manage Environmental Product Declarations (EPDs) in SupplierCI, enhancing your e-ticketing data with essential environmental information for specific materials. This feature ensures transparency and supports sustainable practices in the construction materials supply chain.



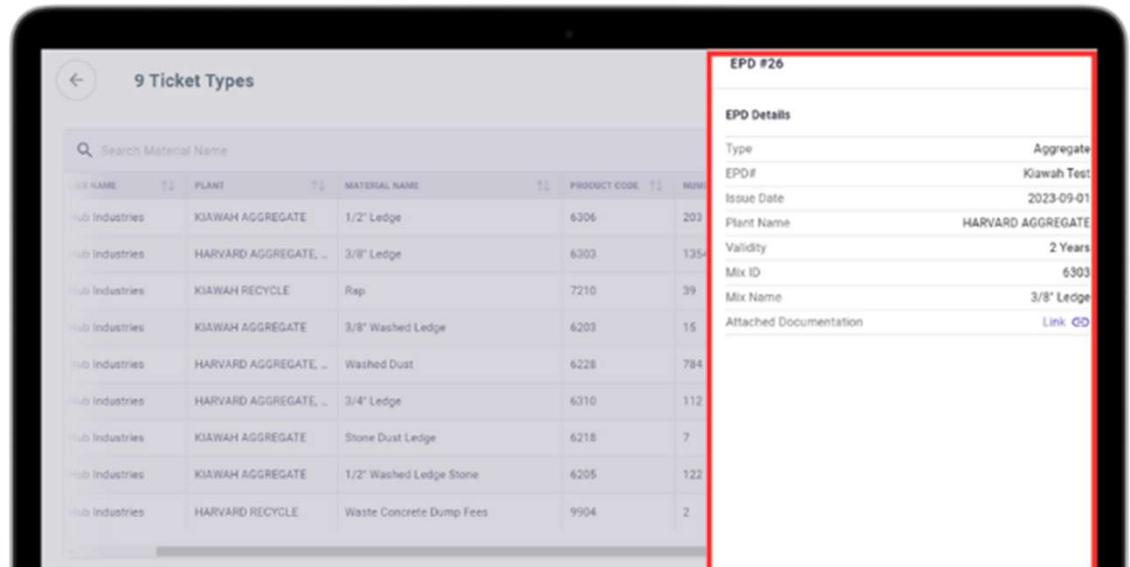
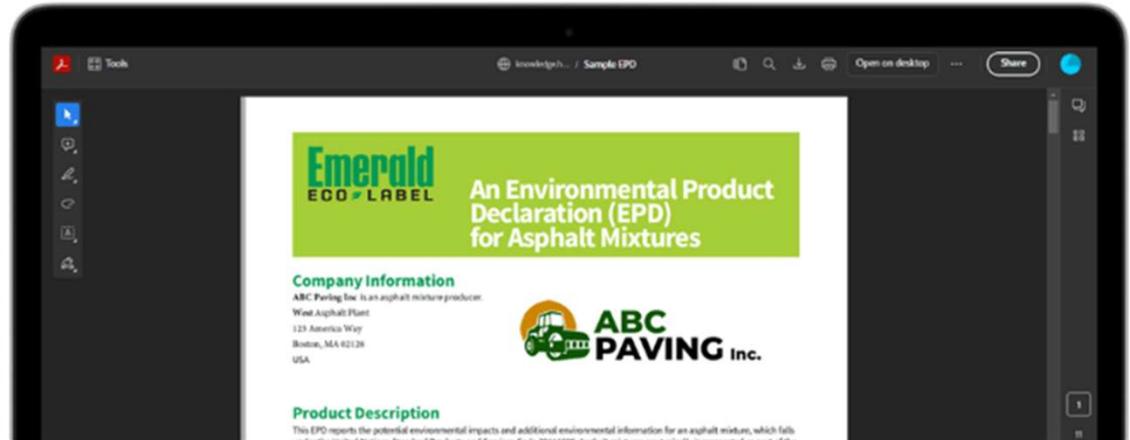
The image shows a screenshot of the SupplierCI EPD Management interface. The main heading is "EPD Management (11)". A search bar is visible with the placeholder text "Search by Plant or EPD #". A green "Add EPD" button is located in the top right corner. A modal window titled "Add EPD" is open, showing a two-step process: "1. CREATE EPD" and "2. ADD MIXES". The "1. CREATE EPD" step is highlighted with a red border. The form fields are as follows:

Create Your EPD		
EPD Type: *	Date Of Issue: *	Period of Validity: *
<input type="text" value="Select EPD Type..."/>	<input type="text" value="Select Date..."/>	<input type="text" value="Select Year..."/>
EPD Number: *	URL Link to EPD:	
<input type="text" value="Enter EPD Number..."/>	<input type="text" value="Enter or paste URL..."/>	

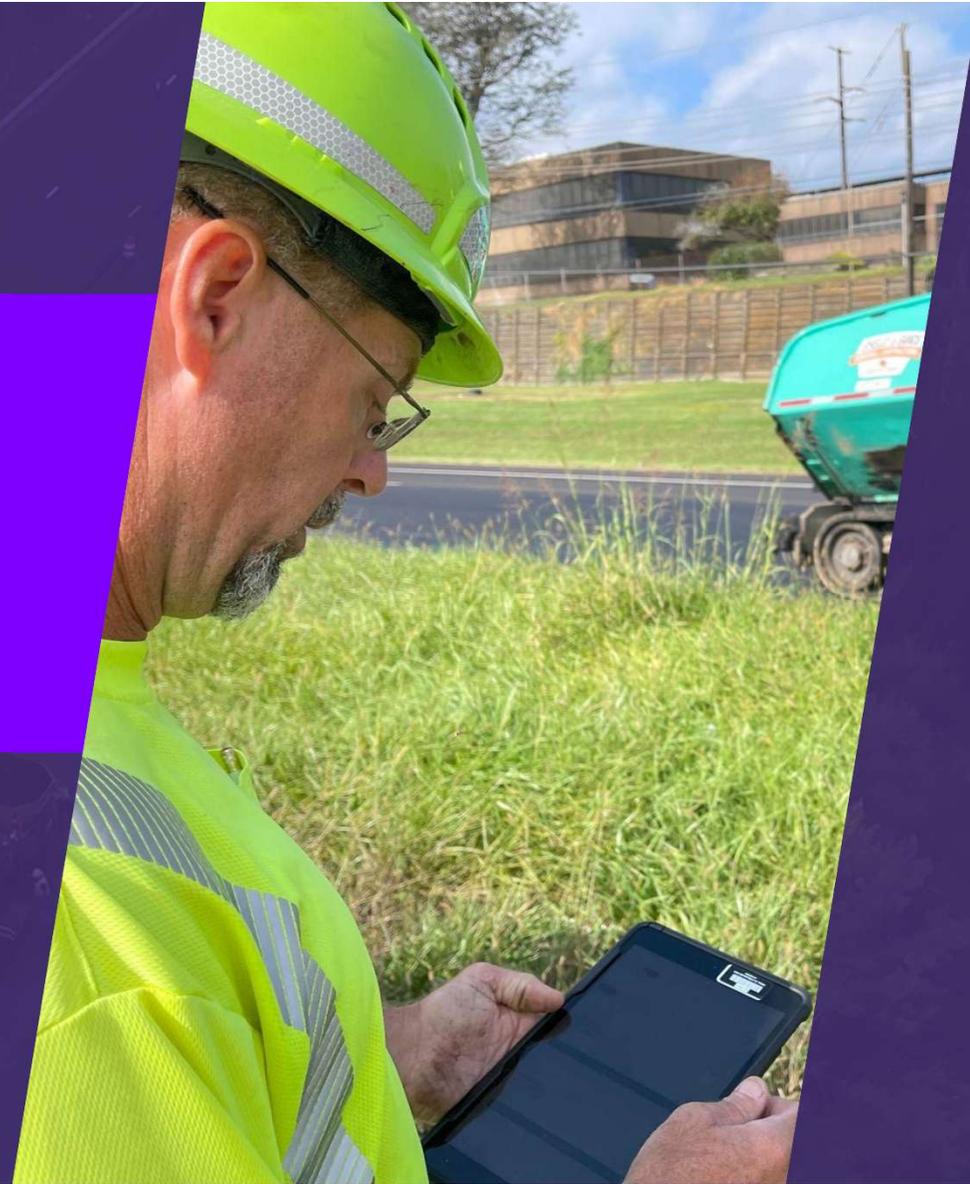
A "Next Add Mixes" button is located at the bottom right of the modal.

# Environmental Product Declarations (EPDs)

You can easily access Environmental Product Declarations (EPDs) linked to your ticketed material types in the DOT eTicketing Web solution



# What is HaulHub?



# DOT

POWERED BY **HAULHUB**  
TECHNOLOGIES

[www.e-dot.com](http://www.e-dot.com)



## Notable Milestones Across The Nation

**April 2021**

DelDOT Becomes the First to Deploy eTicketing at Scale

**June 2022**

Ten State Agencies Leap Forward with eTicketing

**May 2023**

AASHTOware Alliance Announcement

**July 2023**

Half of the Nation's States Roll Out State-of-the-Art eTicketing Portal

**January 2022**

Five More DOTs Embrace eTicketing Revolution

**February 2023**

15 Transportation Agencies Unveiling eTicketing Portals

**June 2023**

eTicketing Portal Rollouts Reaches 20 DOTs

**January 2024**

40 State Agencies utilize the HaulHub EDOT platform for eTicketing with 30 of those already announcing their commitment publicly

## Nationwide Momentum: At Breakneck Pace

### A Sample of Our Agency Clients

**1,580 +**  
Agency Projects  
(01/24)

**3,112 +**  
Supplier Plants  
(01/24)

**77,437,966 +**  
Total E-Tickets  
(01/24)

<b>Alabama</b> ALDOT	<b>California</b> CalTrans	<b>City of Boston</b> Boston Transportation Dept.	<b>City of Chicago</b> CDOT
<b>Delaware</b> DELDOT	<b>Idaho</b> Idaho DOT	<b>Illinois Tollway</b> ISHTA	<b>Indiana</b> INDOT
<b>Iowa</b> Iowa DOT	<b>Kansas</b> KDOT	<b>Kentucky</b> KYTC	<b>Louisiana</b> LADOTD
<b>Maine</b> MDOT	<b>Maryland</b> Maryland DOT	<b>Massachusetts</b> MASSDOT	<b>Nebraska</b> Nebraska DOT
<b>North Dakota</b> NDDOT	<b>Ohio</b> ODOT	<b>Oklahoma</b> ODOT	<b>Pennsylvania</b> PENNDOT
<b>Rhode Island</b> RIDOT	<b>Tennessee</b> TDOT	<b>Vermont</b> VTRANS	<b>Virginia</b> VDOT
<b>West Virginia</b> WVDOT	<b>Wisconsin</b> WisDOT		

# Getting Connected



## Deployment: EDOT Agency

1

### For Producers and Contractors with Internal IT Resources

An API key will be provided for suppliers to send ticket data to their respective state(s) EDOT Portal in HaulHub



2

### For Producers and Contractors with existing e-Ticketing Solutions

Nothing changes, and your processes stay the same. The e-Ticketing provider will forward the tickets via API to the state(s) EDOT Portal in HaulHub



3

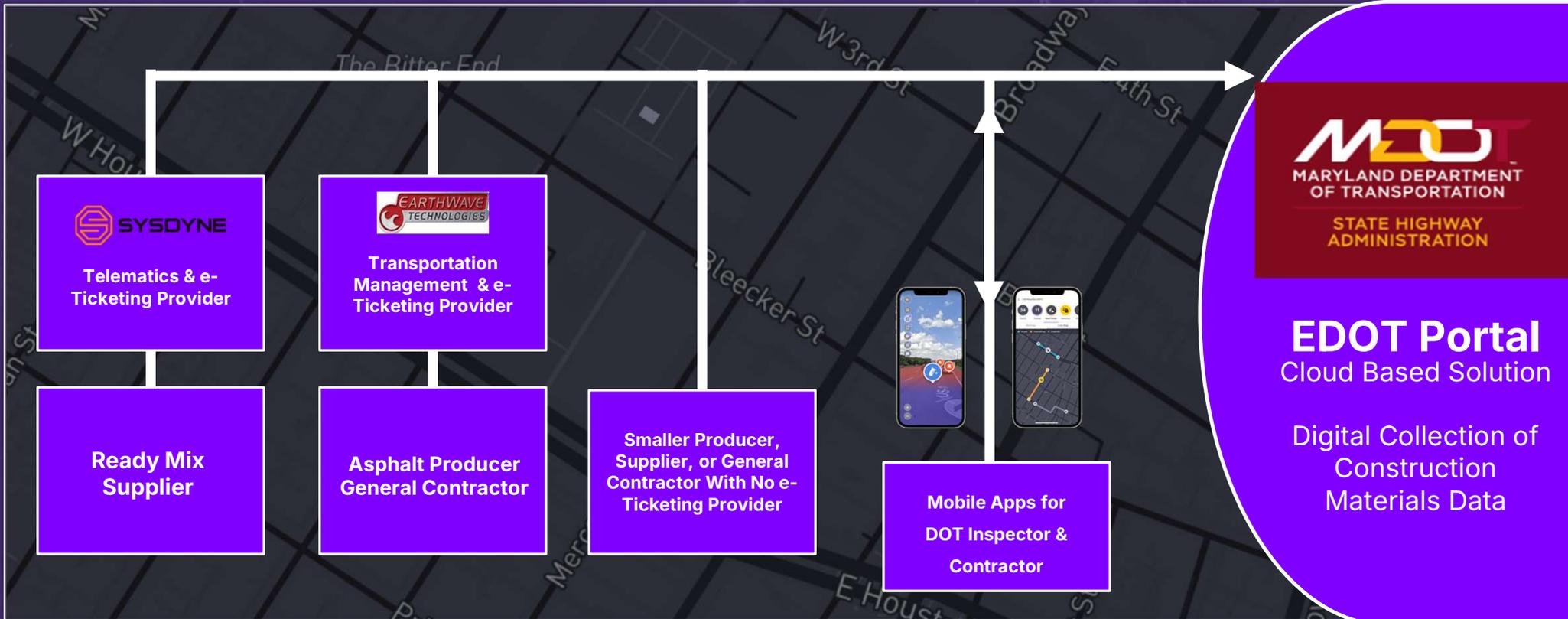
### For Producers with Limited to No IT Resources & no e-Ticketing Solution

Provide a simple solution to get your tickets flowing into the portal at no cost to you.



## It's A Collaborative Effort

Collaboration between producers, contractors, public agencies and tech vendors is paramount for success.



# Compatible With Nearly All OEM's

This website is owned and maintained by **HaulHub Technologies**. [Learn More.](#)



Aggregate Suppliers

Asphalt Suppliers

RMC Suppliers

OEMs

E-Ticket Vendors

CHECK YOUR STATE →

✔ Command Batch	OEMs	On Prem, plant control
✔ Command Integra	OEMs	On Prem, dispatch
✔ Command Series	OEMs	On Prem, dispatch
✔ Erie Strayer / Liberty	OEMs	On prem, plant control, scale ticketing
✔ FastWeigh / TAC Insight	OEMs	Cloud, scale ticketing, dispatching
✔ Gencore	OEMs	On prem, plant control, scale ticketing
✔ GivenHansco / Keystone	OEMs	On Prem, dispatch
✔ Interface Logic / ScaleQ	OEMs	On prem, scale ticketing
✔ John Deere / Wirtgen America / JD Link	OEMs	Cloud, construction machinery manufacturer
✔ Jonel	OEMs	On prem, plant control, dispatching
✔ Libra	OEMs	On prem, plant control, scale ticketing

## Already Use One of These e-Ticket Vendors?

This website is owned and maintained by **HaulHub Technologies**. [Learn More](#).



[Aggregate Suppliers](#)

[Asphalt Suppliers](#)

[RMC Suppliers](#)

[OEMs](#)

[E-Ticket Vendors](#)

[CHECK YOUR STATE →](#)

**The following cloud based e-ticketing vendors are committed to ensuring the highest levels of data integrity, security and availability.**

### BCMI

Redmond, WA

DOTRDY VENDOR



### Sysdyne Technologies

Stamford, CT

DOTRDY VENDOR



### Earthwave Technologies

Indianapolis, IN

DOTRDY VENDOR



### Command Alkon

Birmingham, AL

DOTRDY VENDOR

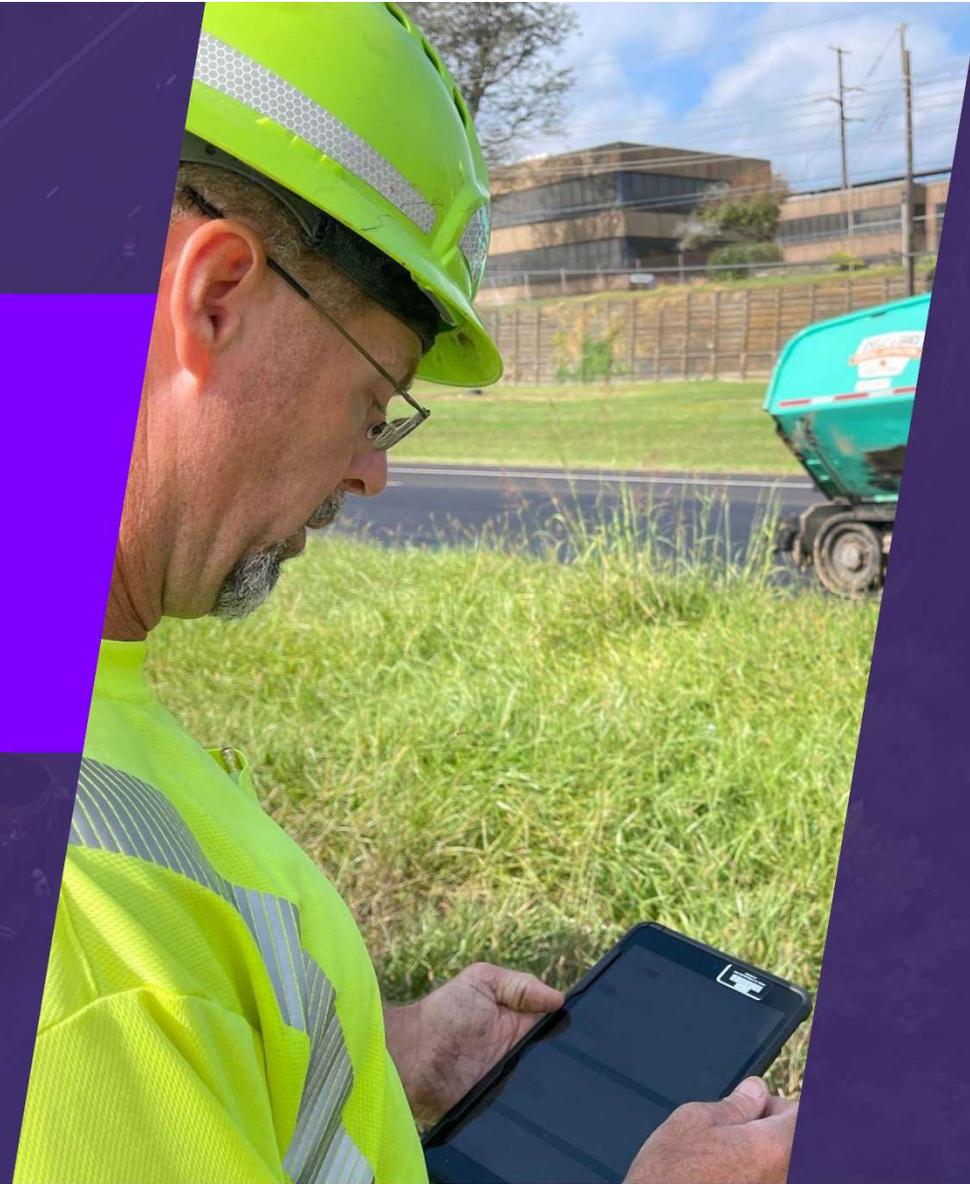


## Purpose-Built Solutions

E-Construction enhances project outcomes with tools for stakeholders across the project lifecycle.



# Features/Benefits



# For Suppliers: Visualize and Share Material Data



Review Material Operations



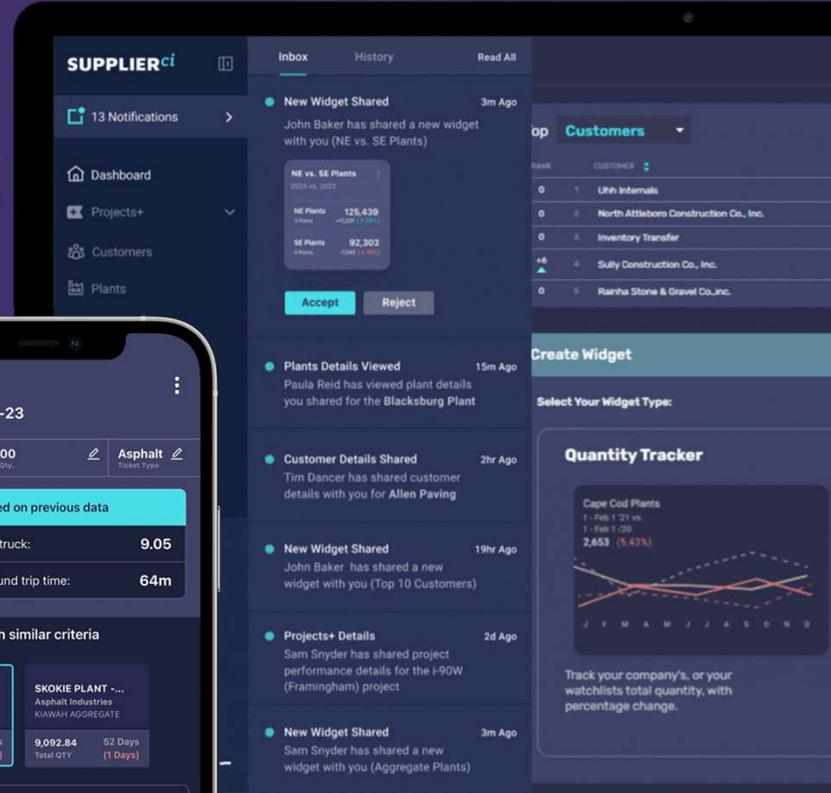
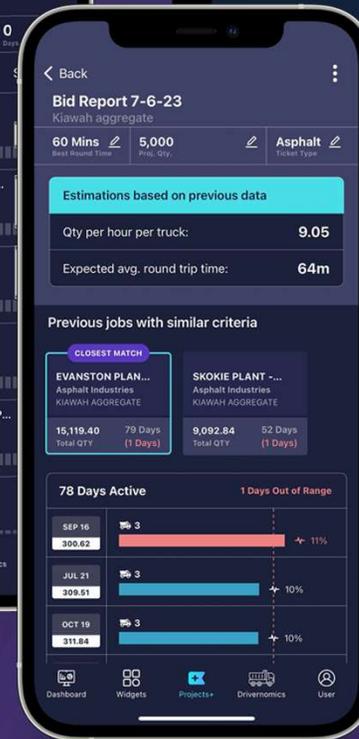
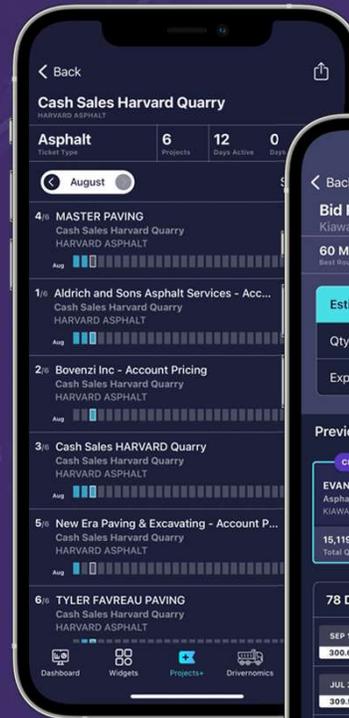
DOT Project Calibration



Environmental Tracking



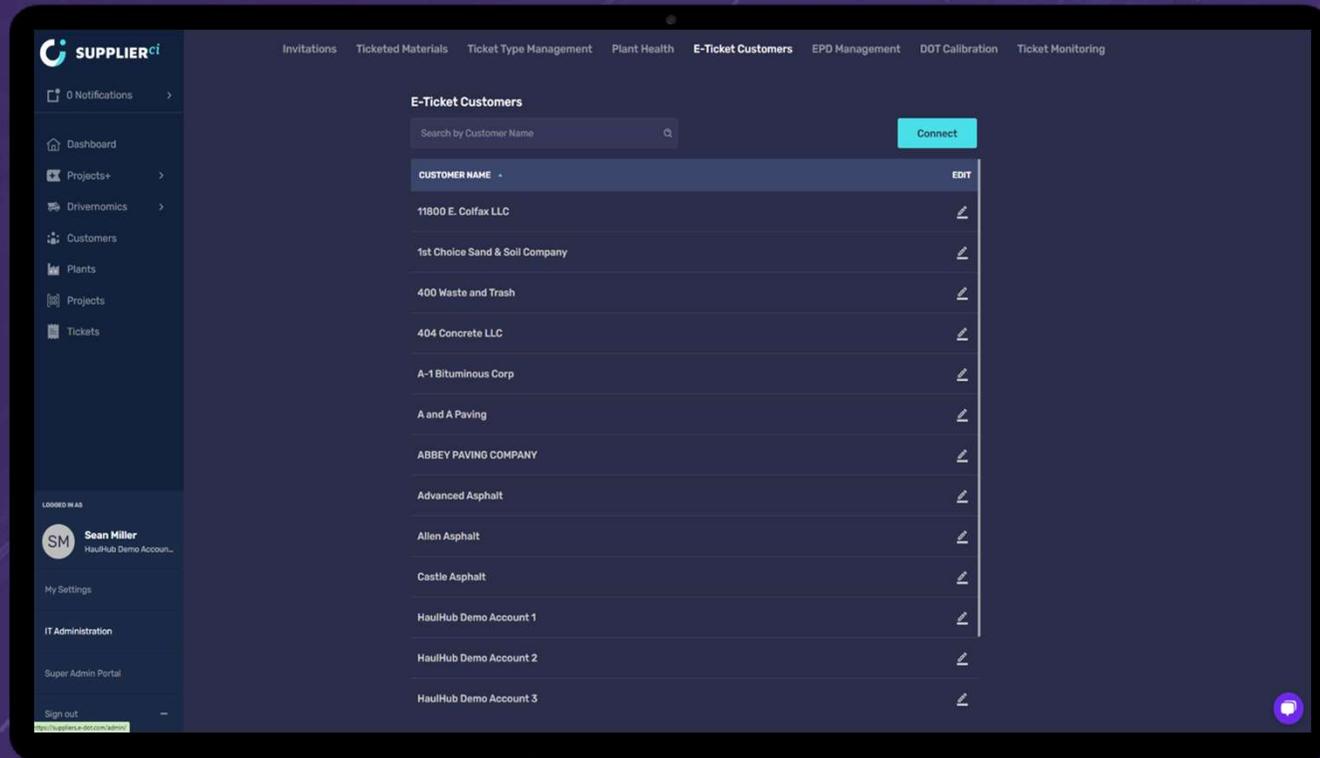
Share Valuable Data



Real-Time & Historical Customer Insights For Sales Teams



# Suppliers can manage Contractor access to their etickets ( )



Once a customer is added by a supplier the customer can login on JOBslip and view all tickets going forward from that suppliers

# Contractors or Suppliers can Connect Project IDs to State Contracts

Note - Projects will be auto dismissed 30 days after the first ticketed date. They will be listed in the Dismissed Projects tab.

Supplier: HaulHub Industries | Project: BAY VIEW SUBDIVISION

Material Type

Connect the materials you want to share with the DOT project. Any new material that is not listed here for this project will use the default value that you have set in the Materials Included tab.

Amount	Code	Material Name	# of Tickets	Ticket Type	Connect
10.00	35AC	3500-AE COMMERCIAL 72614	1 ticket	Ready Mix Concrete	<input checked="" type="radio"/> Yes <input type="radio"/> No
10.00	FF100	FLOWABLE FILL 72546	1 ticket	FBI	<input checked="" type="radio"/> Yes <input type="radio"/> No

Connect to Project Owner

DOT Authority: Maryland Department of Transportation

DOT Project Name: XY9145277 - MILL, PATCH AND RESURFACE PAVEMENT AT VAR

Buttons: Cancel, Connect

Invitations | Ticketed Materials | Ticket Type Management | Plant Health | E-Ticket Customers | EPD Management | DOT Calibration | Ticket Monitoring

Calibration

Unconnected Projects | Connected Projects | Hidden Projects

Note - Projects will be auto hidden 30 days after the first

Supplier: HaulHub Industries | Project: BAY VIEW SUBDIVISION

Material Type

Connect the materials you want to connect to the DOT Project. Any new material that is not listed here for this project will use the default value that you have set in the Materials Included tab.

Edit Mix ID Details

Amount	Code	Material Name	# of Tickets	Ticket Type	Connect
10	35AC	3500-AE COMMERC...	1	Ready Mix ...	<input checked="" type="radio"/> Yes <input type="radio"/> No
10	FF100	FLOWABLE FILL	1	FBI	<input checked="" type="radio"/> Yes <input type="radio"/> No

Connect to Project Owner

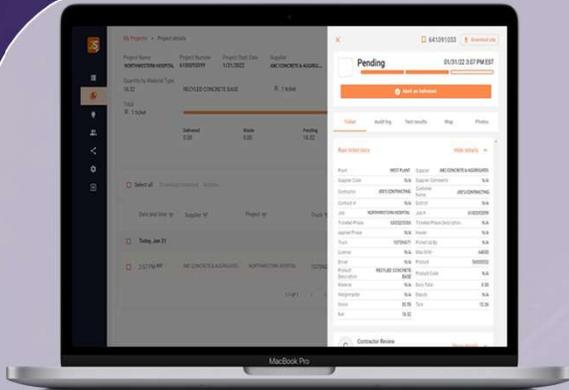
DOT Authority: Maryland Department of Transportation

DOT Project Name: XY8015177R MILL, PATCH AND RESURFAC

Buttons: Connect

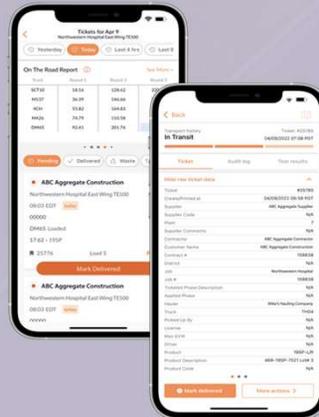
Select your agency and then select the matching Contract to calibrate tickets to going forward based on contractor job ID#

## What do the Contractors & Suppliers Utilize?



e-Ticketing tool **JOBSlip** simplifies sharing critical construction materials data between project stakeholders. Making you the easiest construction partner to do business with.

Save countless hours searching for paper tickets on delivered loads. e-Ticketing eases the administrative burden for you and your customer.

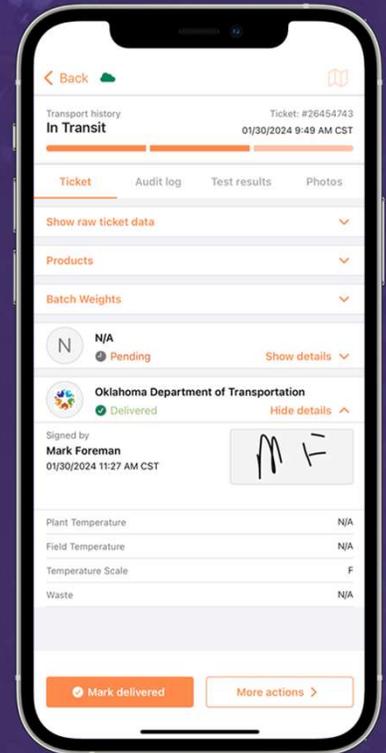
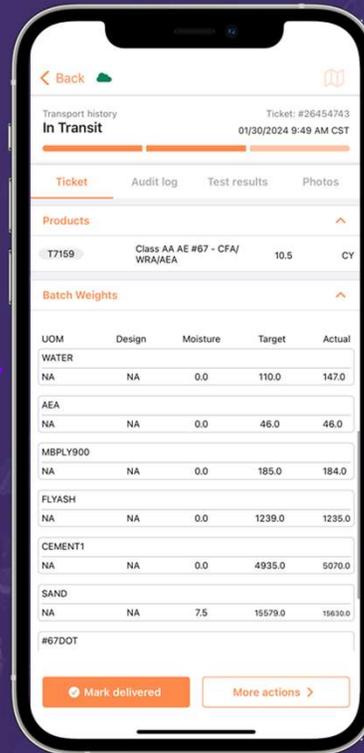
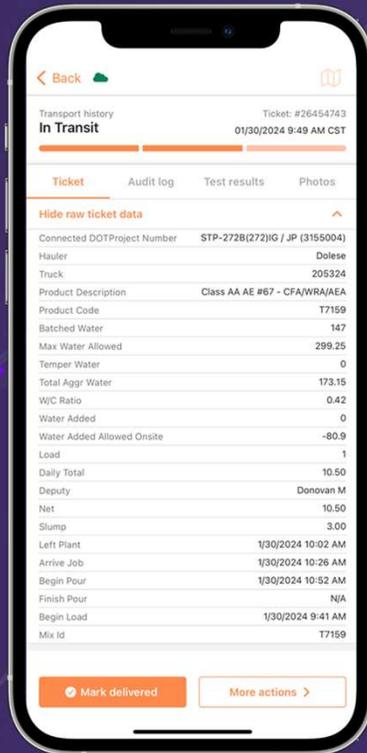
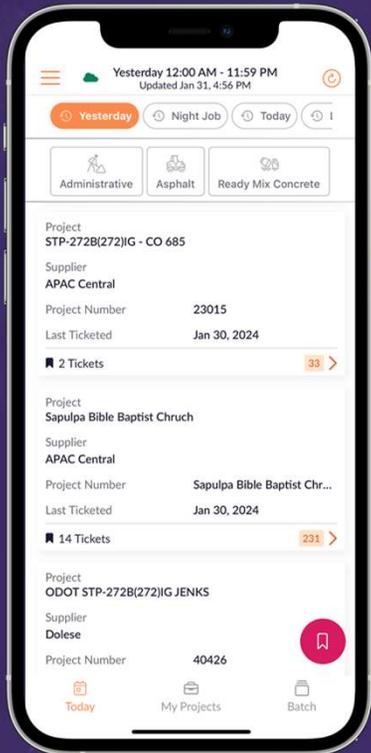


Empower your material ticketing data with easy-to-digest visualization tools to quickly analyze business trends, stay in-the-know on top performing customers or plants and intelligently forecast future performance.

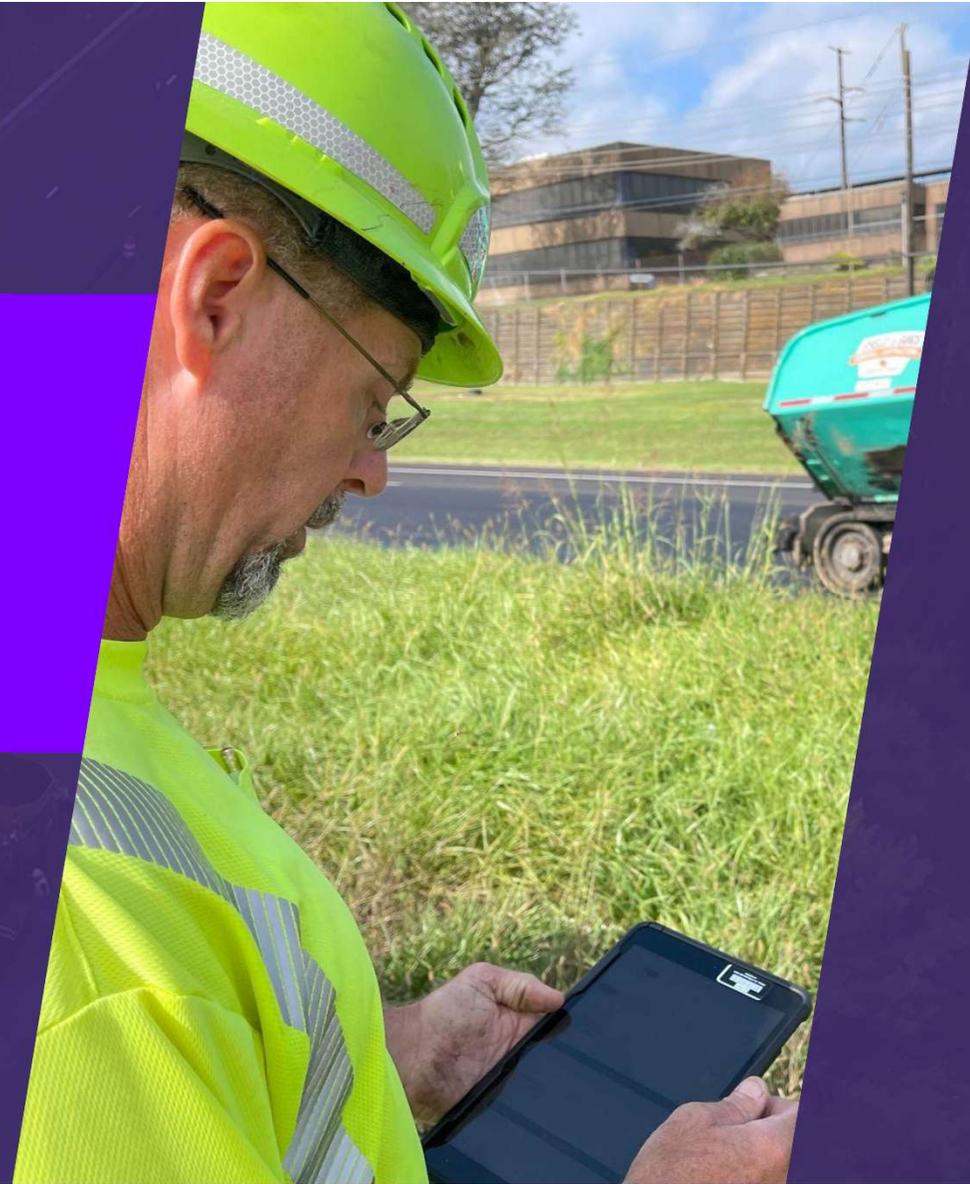
**The only data visualization tools that ties in to your point of sale for continuous business intelligence.**



# Contractor Mobile Ticket View



# Agency Platform



## Mobile Ticket View



### Web Portals for Desktop Access

Every user will get access to both the mobile app and web portal regardless of their user role



### Mobile Apps for Android and iOS

Mobile DOT -Eticketing application is free to download in either Google play store or iOS app store



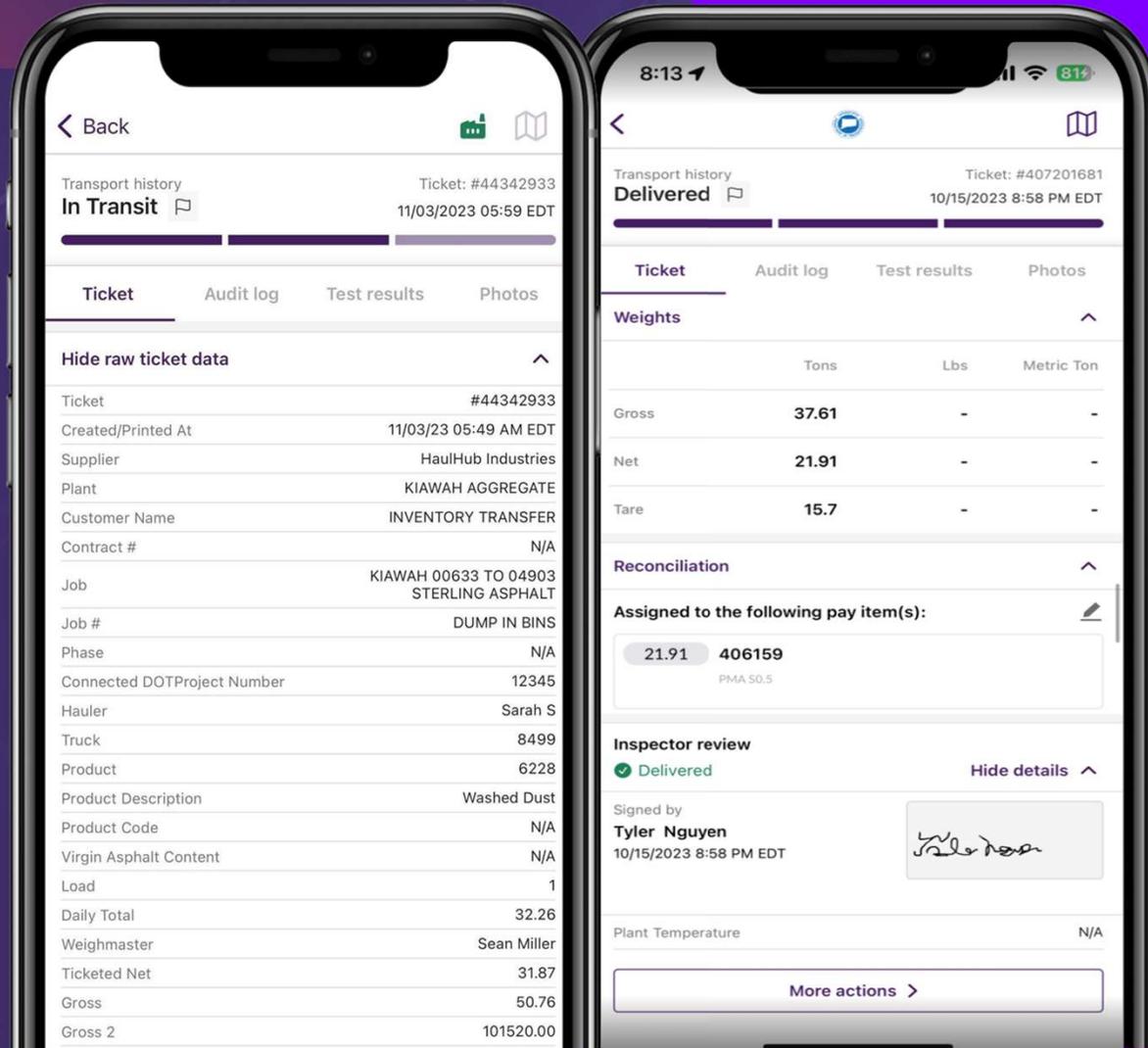
### Real Time Plant Ticket Data

Every ticket a plant generates for the project is captured in HaulHub within a few minutes



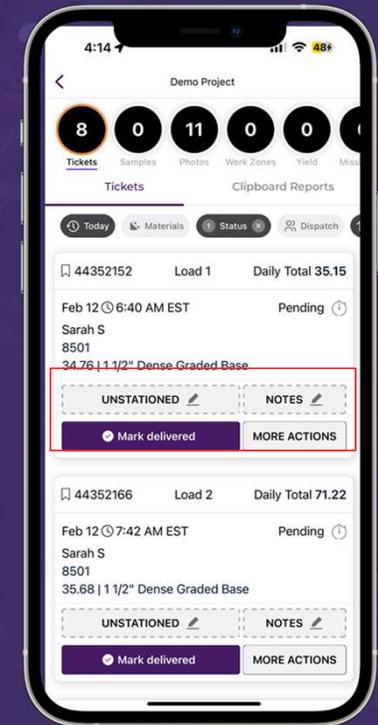
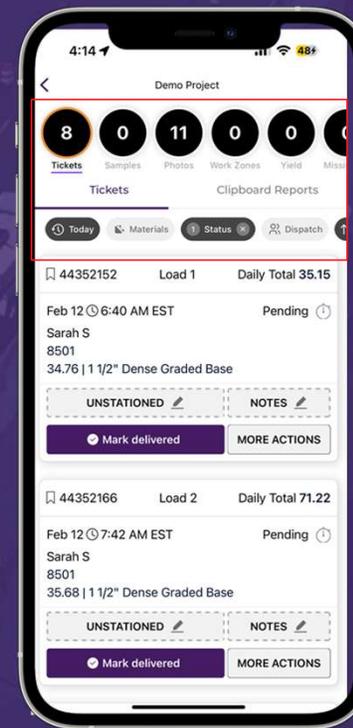
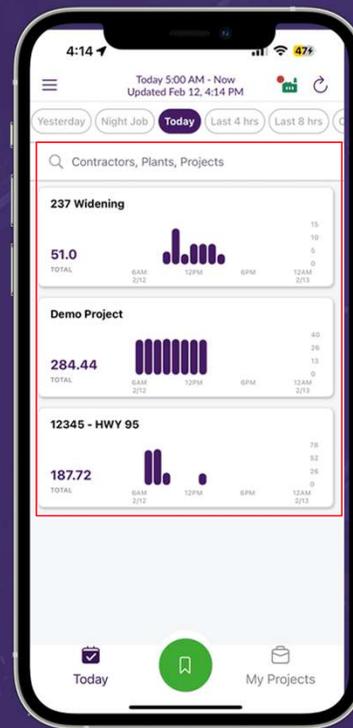
### Live Connectivity for Stakeholders

Inspectors know what to expect before trucks arrive and the inspection data they input in the field is available for all stakeholders instantly



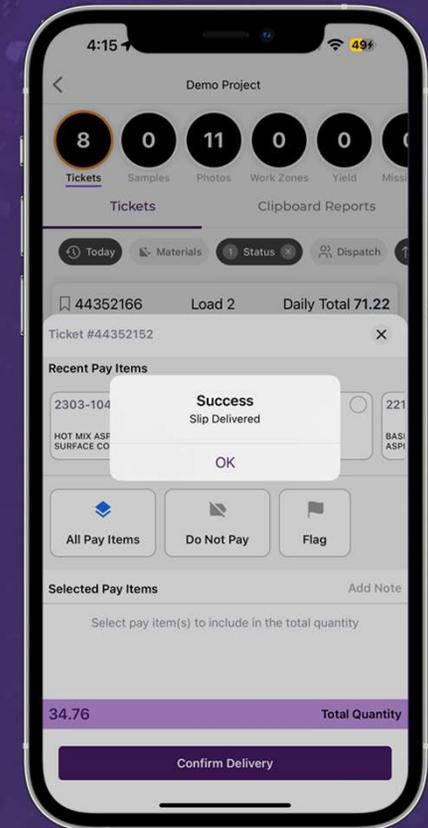
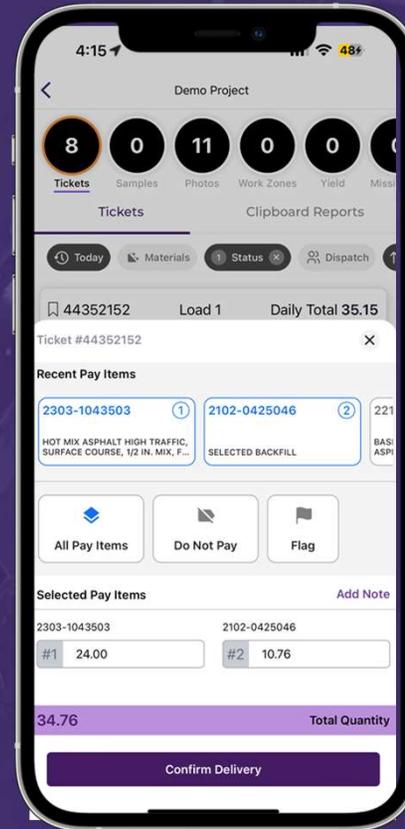
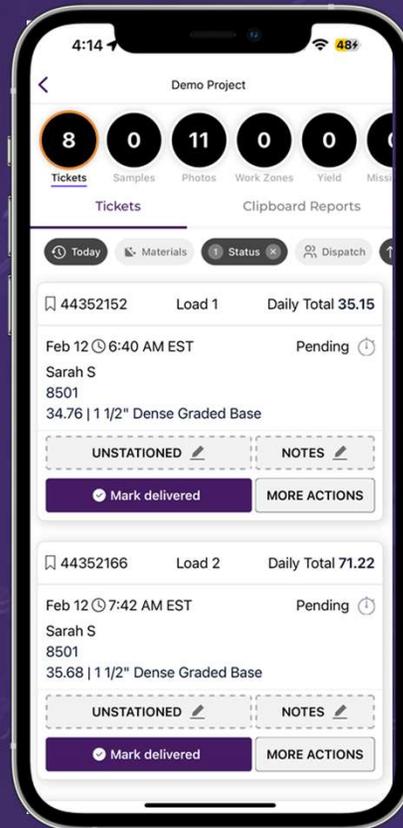
## Today Page

- The Today Page will show you a list of active projects for the time frame selected
- The graph shows you production by the hour with your total production in the bottom left
- Filters for time, product, dispatch number, and ticket status
- Input Station, Field Notes & Mark the ticket as Delivered when laid down



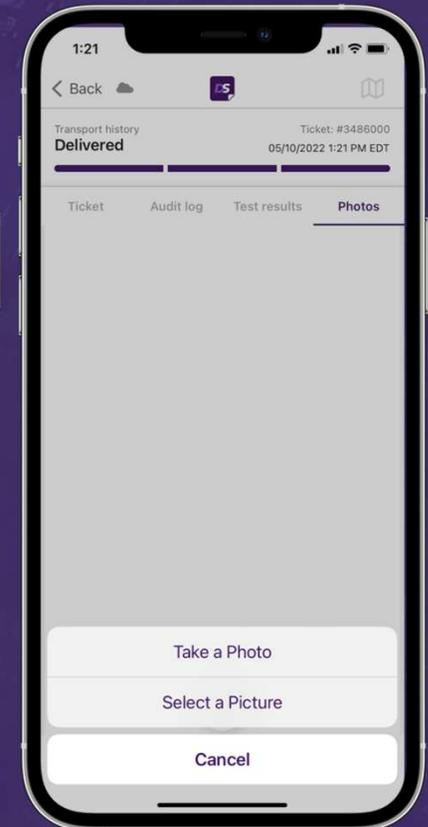
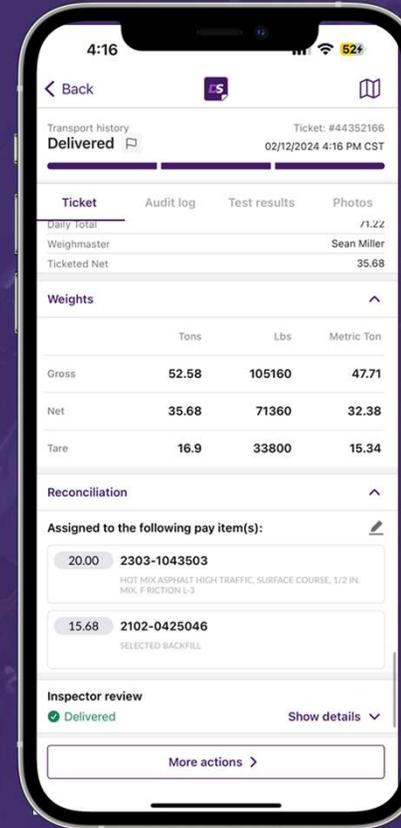
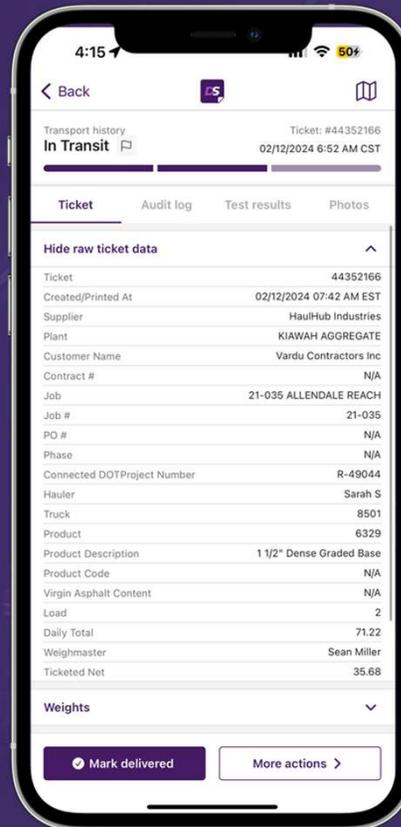
## Reconciliation (Assign Pay Item Codes)

- If your contract has Pay Items included to reconcile, then once you tap 'Mark delivered' you will be prompted to assign a pay item
- All Pay Items will give you your entire list of pay item codes to select
- If you need to split the tonnage across 2 pay item codes you can select up to 2
- Select 'Do Not Pay' if any portion of material should not be paid for



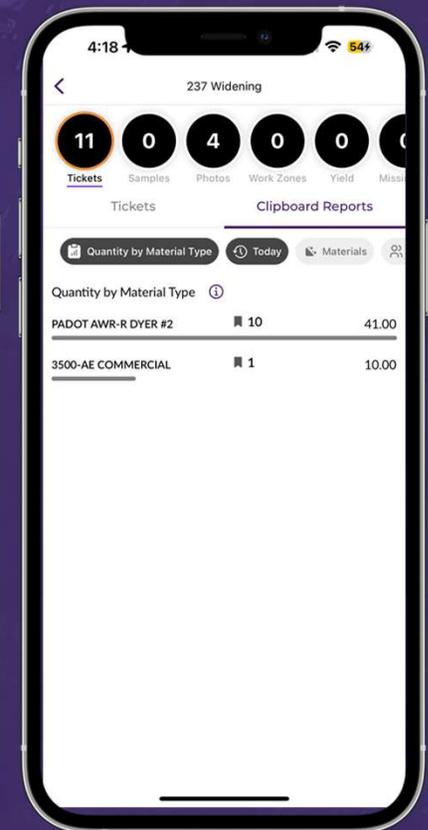
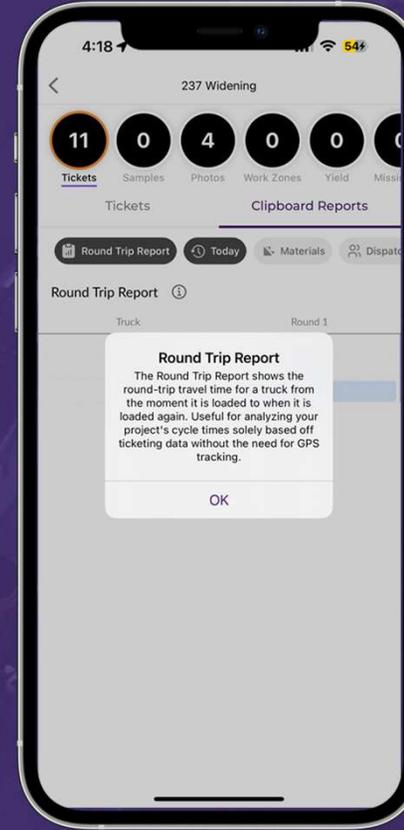
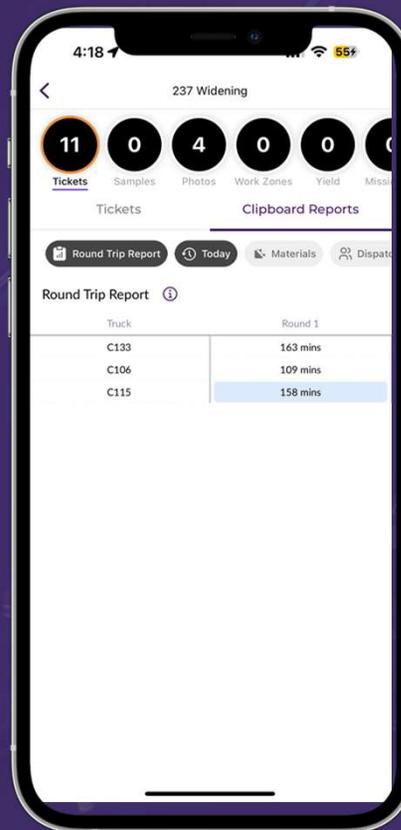
## Individual Ticket Information

- Tapping anywhere on a ticket will open up that individual ticket.
- Expand Raw Ticket Data to see all data points for the ticket as well as Weights and Pay Items under the Reconciliation box
- Scroll down to view the Inspector Review
- Select More actions to update status to rejected or add Inspector Notes.
- Tap Photos to add a picture to the ticket.



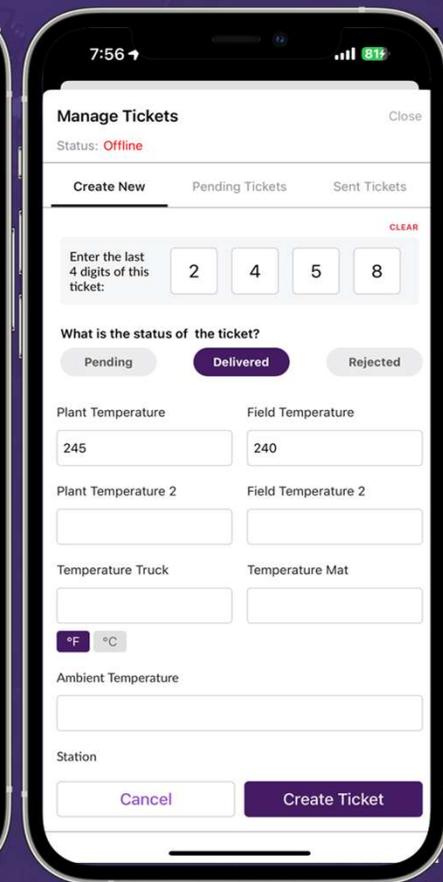
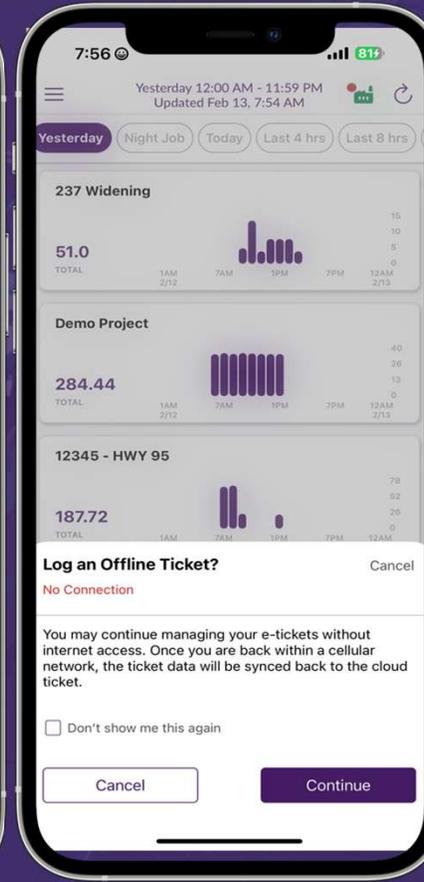
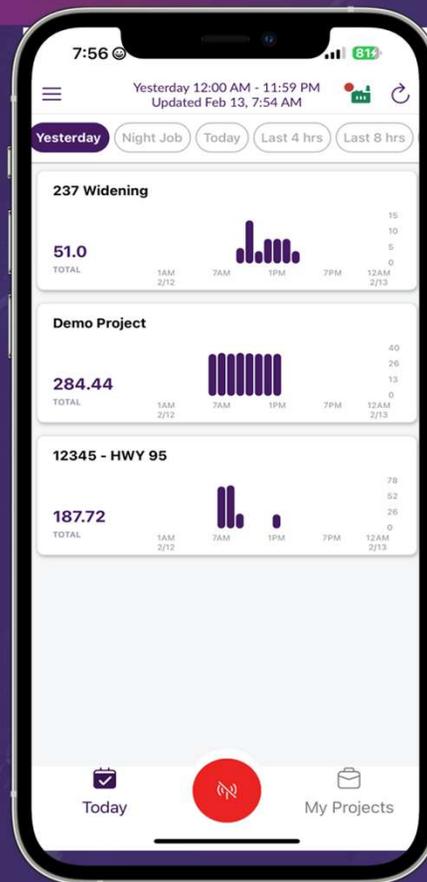
## Clipboard Reports

- Series of 9 reports that give valuable insights into your operations.
- See a series of reports:
  - Round times by truck
  - Loaded quantity
  - Quantity on the road
  - Load times
  - Quantity by material type
  - And more
- Tap the 'i' next to the report name to see the description.
  - 
- Reports will update in real-time throughout the day.



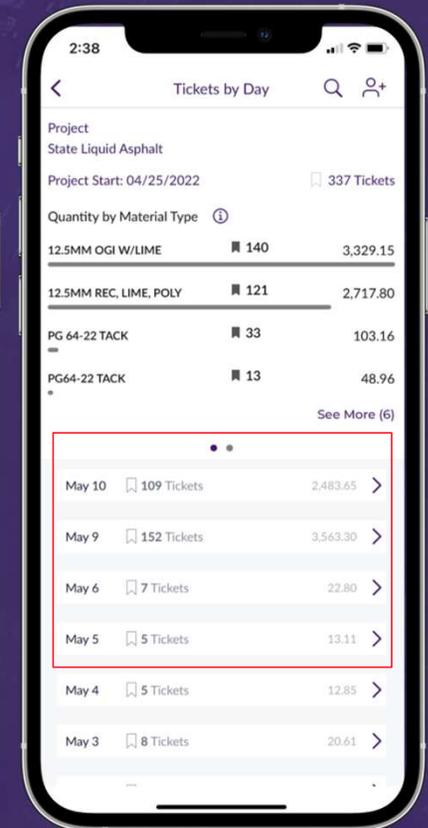
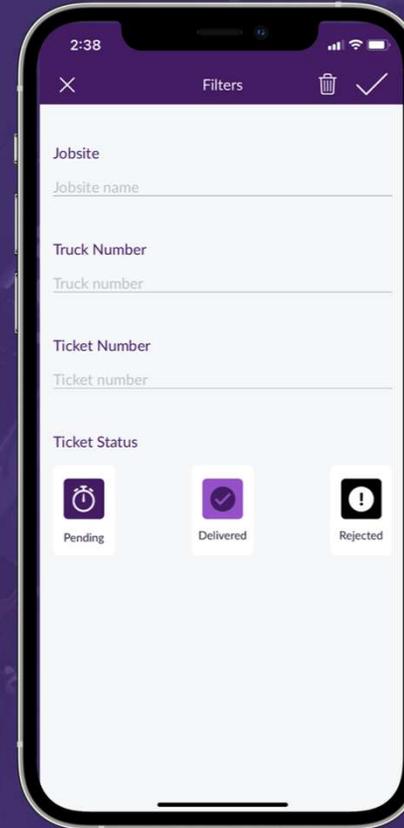
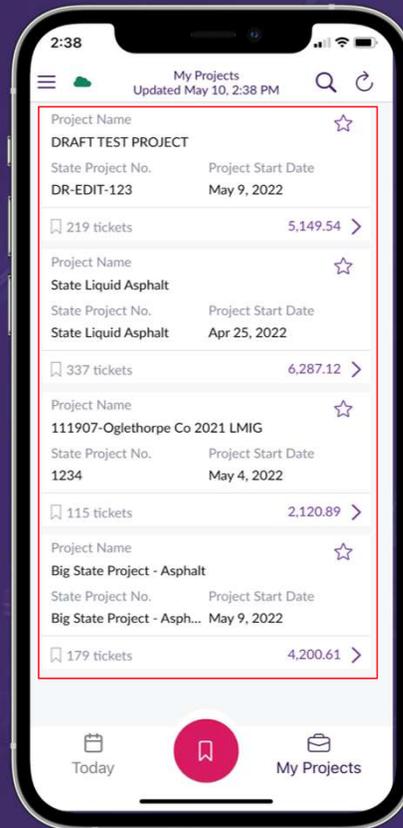
## Offline Tickets Page

- Tap the red ticket icon for the Offline Ticket Page.
  - 
- Select project, enter in last 4 digits of the ticket, update status, add any notes, and tap Log Ticket.
- Ticket will be stored offline on your device and will be automatically synced to the cloud once you return to service.



## My Projects Page

- View full history of tickets for each of your projects.
- Tickets broken down by day, quickly see number of tickets and quantity.
- Tap on a day to see individual tickets.
- Tap on magnifying glass in top right corner to search.



# Questions/ Resources



Questions? Get In Touch

# Sean Miller

Senior Manager of Government Solutions



**Email** : [sean.miller@haulhub.com](mailto:sean.miller@haulhub.com)



**Phone** : 865-804-4182



**Web login** : <https://app.e-dot.com/auth/login>



**Platform Training Guide** : <https://learn.haulhub.com>



in



Solutions Expert