

E-Ticketing District 10

Problem/Challenge Addressed

With COVID, there was a need to reduce contacts, including the exchange of paper. This also was an opportunity to improve process accuracy and efficiency.

Method/Process/Product to Resolve Challenge

Initially, the construction projects had two options when receiving asphalt, concrete and/or aggregate tickets.

- 1) Use one of four proprietary softwares (CONNEX, DOTslip, FleetWatcher, and Libra Sentinel) integrated with the producer's plants.
- 2) Photograph the physical ticket and record the data in OneNote.

The e-Ticketing success varied widely based on the producer's and the inspector's IT ability. Some plants were able to provide e-Tickets, access for our inspectors to electronically write directly on the e-Tickets, and the ability to save the entire days placement of eTickets to a PDF.

Ticket #			Asset Name			Waste Tons		
# 421368	Asset Name: HRI122832 Scale Asset Name: 122832	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 740.42 Loads: 33 # Notes: 1	# 421367	Asset Name: HRI122830 Scale Asset Name: 122830	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 722.29 Loads: 32 # Notes: 0	# 421366	Asset Name: HRI122141 Scale Asset Name: 122141	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 699.18 Loads: 31 # Notes: 0
# 421365	Asset Name: HRI122142 Scale Asset Name: 122142	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 676.37 Loads: 30 # Notes: 2	# 421364	Asset Name: HRI122832 Scale Asset Name: 122832	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 653.59 Loads: 29 # Notes: 1	# 421363	Asset Name: HRI122830 Scale Asset Name: 122830	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 630.79 Loads: 28 # Notes: 1
# 421362	Asset Name: HRI122141 Scale Asset Name: 122141	Waste Tons: 0.0 Roadway Inspector Temp: 289.0°F Cumulative Tons: 607.91 Loads: 27 # Notes: 2	# 421360	Asset Name: HRI122142 Scale Asset Name: 122142	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 585.1 Loads: 26 # Notes: 1	# 421359	Asset Name: HRI122832 Scale Asset Name: 122832	Waste Tons: 0.0 Roadway Inspector Temp: -- Cumulative Tons: 562.29 Loads: 25 # Notes: 1

Example of tickets from a paving project using FleetWatcher.

E-Ticketing

District 10

Method/Process/Product to Resolve Challenge

For these less advanced producers or projects, the inspector photographed the ticket and recorded all necessary data in a OneNote spreadsheet that all inspectors could use.

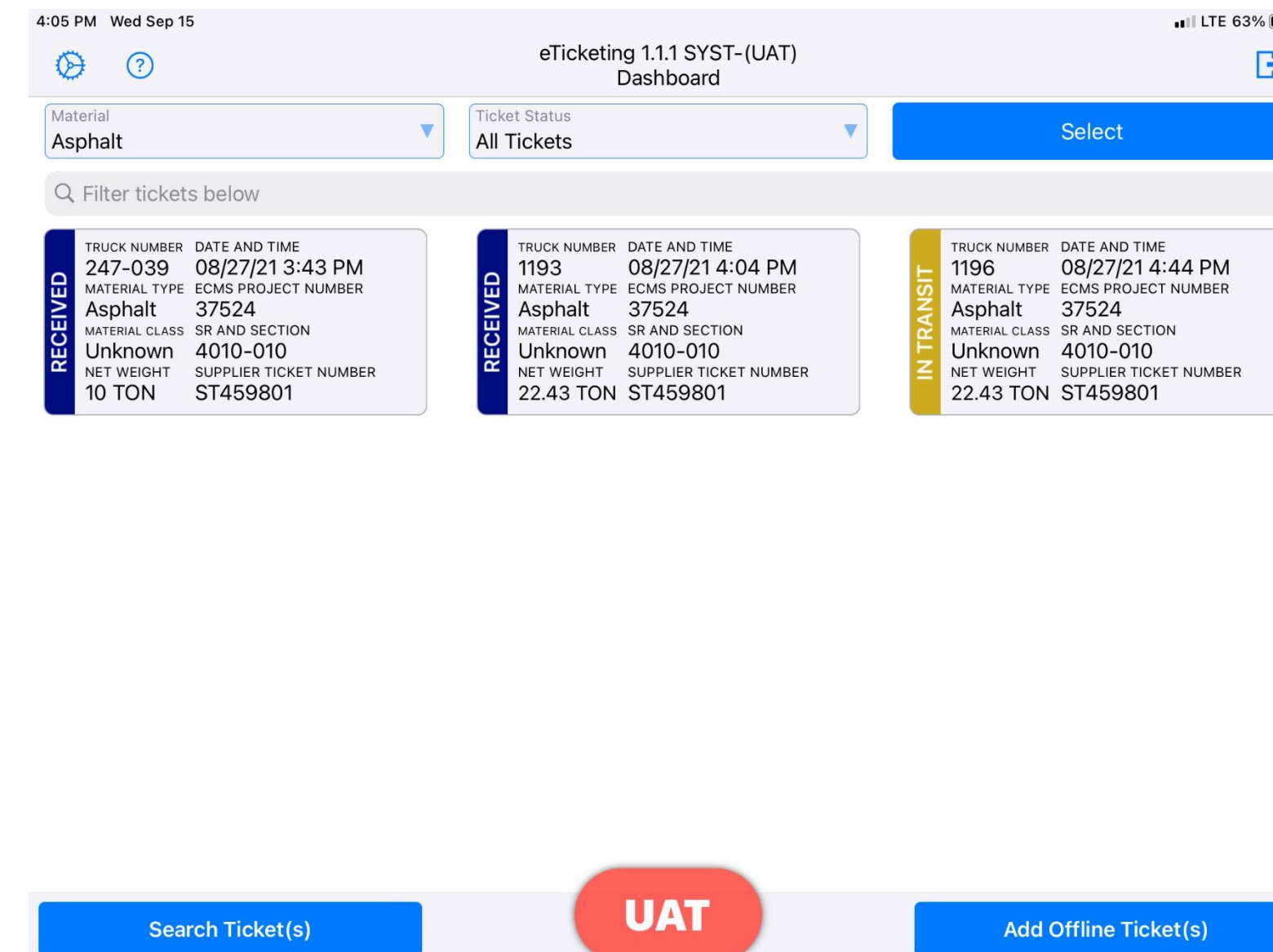
This was the safest and simplest way to record the data. Although not needed, the physical tickets could be quarantined and filed with the project records for future use.

Currently District 10 is piloting a PennDOT e-Ticketing App as part of a statewide initiative that began in 2021.

Results/Key Takeaways

Benefits include:

- No/reduced paper contact
- Elimination of lost tickets
- Increased efficiency
- Accurate data
- Improved security



Example of the e-Ticketing App Dashboard displaying Asphalt Dashboard cards.

Contact Information

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