

Electronic Ticketing Implementation Update

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PennDOT eTicketing: Background

Specification Work

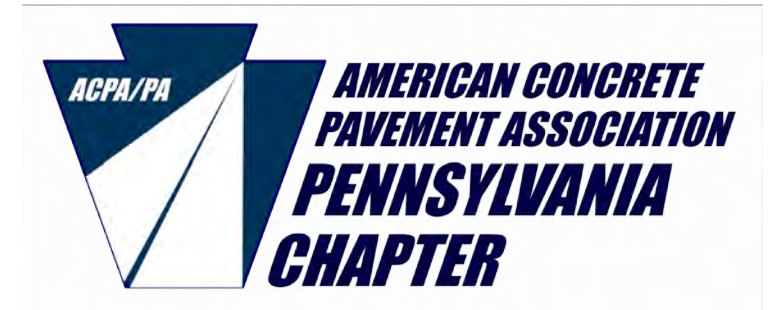
- **District 11 Pilots**
- **Team Formation - 2020**
 - Included All Parties from Producers to Inspectors



PennDOT's eTicketing Workgroup



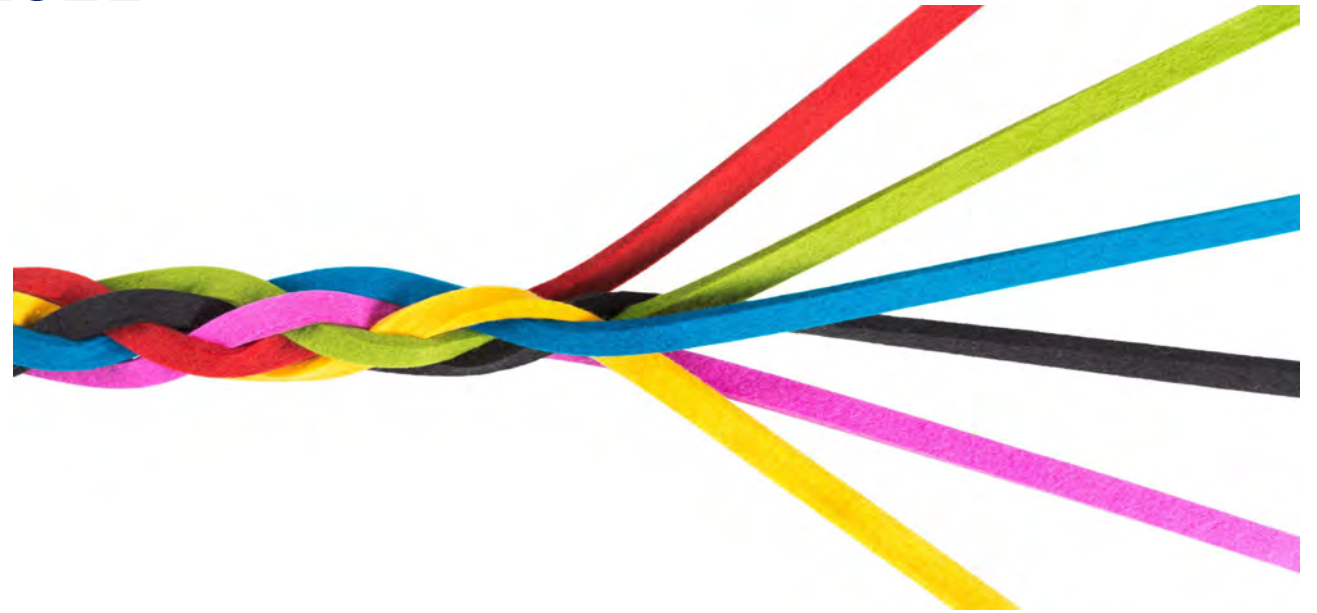
Pennsylvania Aggregates and Concrete Association



PennDOT eTicketing: Background Continued

Specification Work Continued

- **Initial Special Provision – 2021**
- **Special Provision – 2022**
- **Special Provision – 2023**



PennDOT eTicketing: 2024 Roadmap - Asphalt

- **Special Provision**
- **Pub 408 – *Highway Construction Specifications***
- **Bulletin 41 – *Producers of Asphalt Mixtures***

PennDOT eTicketing: 2024 Asphalt Special Provision

For acceptance on a project, the electronic ticket must contain the following information:

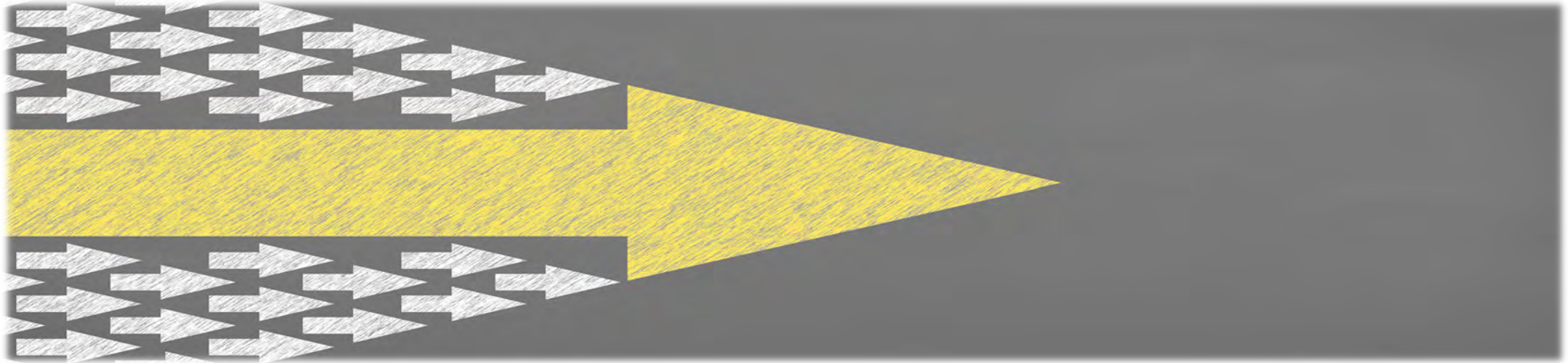
- Engineering and Construction Management System (ECMS) Number
- Plant Supplier Code
- PennDOT Material Type (ex. Asphalt)
- Job Mix Formula (JMF) Number
- JMF Year
- Plant Ticket Identification (ID)
- Date and Time Ticketed
- Unique Truck ID
- Gross Weight
- Gross Weight Unit of Measure (UoM)
- Tare Weight
- Tare Weight UoM
- Net Weight
- Net Weight UoM
- Name of Licensed Public Weighmaster
- License Number of Licensed Public Weighmaster
- Running Daily Total in Tons of material being transported
- Running Daily Total UoM
- Load Count

PennDOT eTicketing: 2024 Asphalt Special Provision

- If internet connection is unavailable at the project or temporarily unavailable at the material supplier's site, provide paper tickets for inspection staff to work offline. Ensure the inspector can retrieve the eTicketing data when internet connection is restored.
- The Unique Truck ID must be a minimum of 3 inches in height, on three (3) sides of the truck (each side and the tailgate) and must match the Unique Truck ID entered on the eTicket.

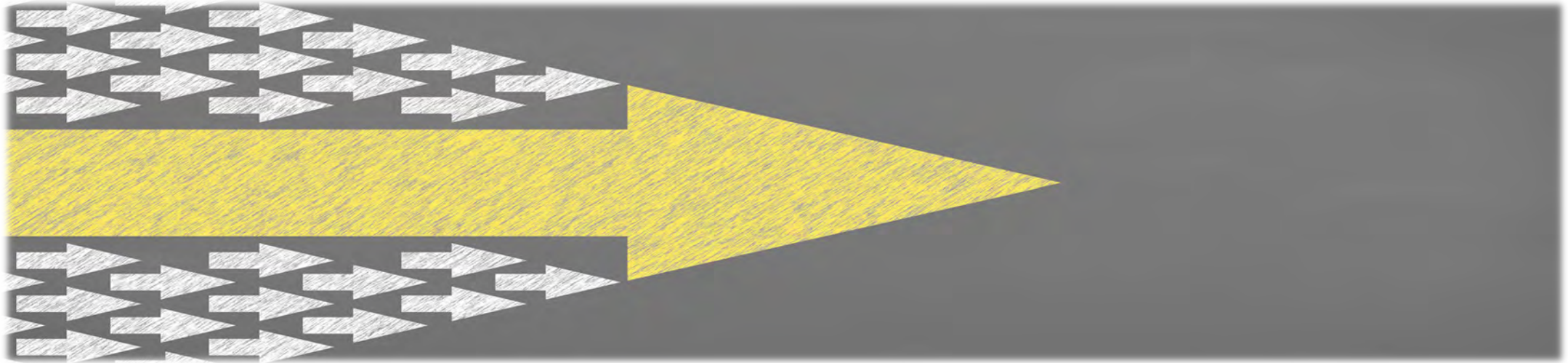
PennDOT eTicketing: Pub 408 Asphalt Update, Pending

- Section 413 (Asphalt) Superpave Mixture Design, Standard and RPS Construction of Plant-Mixed Asphalt Courses
 - 413.3 Electronic Ticketing (eTicketing) System



PennDOT eTicketing: Bulletin 41 Update, Pending

- **Bulletin 41 Producers of Asphalt Mixtures**
 - All producers providing material to an ECMS construction project must meet the requirements specified in Pub 408 Section 413.3(p) Electronic Ticketing (eTicketing) System.



PennDOT eTicketing: Asphalt by the Numbers

	# Approved Suppliers	# Active¹ Construction Suppliers	# Active¹ Suppliers within Pilot	Suppliers with eTickets²	% of Pilot Suppliers with eTickets
Bulletin 41	191	146	116	94	81.0%

¹ Provided material to an ECMS project within the last 3 construction seasons
² Ticket successfully submitted into PennDOT's eTicketing app

PennDOT eTicketing: Upcoming Enhancements



- Batch data for Concrete
- Contractor, Plant Technician and Plant Inspector Access
 - Read only access
- Plant Technician and Plant Inspector Access
 - Access to enter data

PennDOT eTicketing: Upcoming Conversations

- Pennsylvania State Police
- Federal Motor Carrier Safety Administration



PennDOT eTicketing: Ways to Connect

Option 1

For Producers and Contractors with Internal IT Resources

PennDOT will provide an API key for you to send ticket data to the Pennsylvania DOT Portal



Option 2

For Producers and Contractors with existing e-Ticketing Solutions

The e-ticketing provider can forward the tickets via API to the PennDOT Portal. If they are unable to do so currently, HaulHub can assist in establishing the connection.



Option 3

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

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



PennDOT eTicketing

THANK YOU!

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