

2023 – A Year in Review

2024 Regional Asphalt Seminars
Fredericksburg – 7 March 2024

VIRGINIA ASPHALT ASSOCIATION
Trenton M. Clark, P.E., President



Let's Play a Game to Start

- *What are the specification requirements for performing depth checks on asphalt base coarse?*
- *Which type(s) of trench widening are depth checked?*
- *When is rideability testing performed?*
- *What is the density criteria for a wedging/leveling course using SM-12.5A?*
- *Where is the longitudinal joint for a two-lane road to be located?*



<https://www.surveymonkey.com/r/Fred2024>



PRESENTATION TOPICS

- What Went Well in 2023
- Challenges in 2023
- Expectations for 2024 and Beyond





2023 Successes

Contract Execution





2023 Successes

Contract Execution

Partnering





2023 Successes

Contract Execution

Partnering

Pilot Projects





2023 Successes

Contract Execution

Partnering

Pilot Projects

On-Time Completions



Safety of Workers

Changing Project Requirements
Post Execution

Applying Ride Where Ride Should
Not Apply

When and Where To Patch

Global
Challenges
in 2023



Global Challenges in 2023

Lack of Consistency Among
Districts

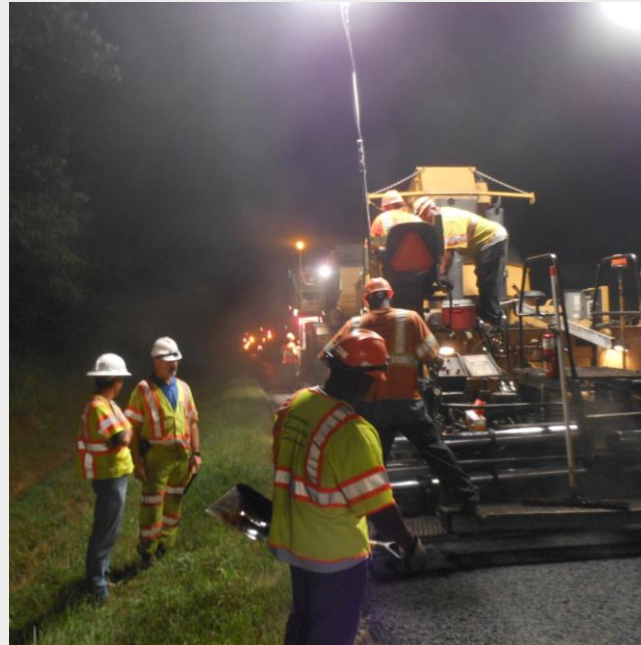
E-Ticketing Adoption by Field Staff

Achieving Density on Poor
Pavement Structures

Application of Specifications in
Wrong Circumstances



Safety of Workers



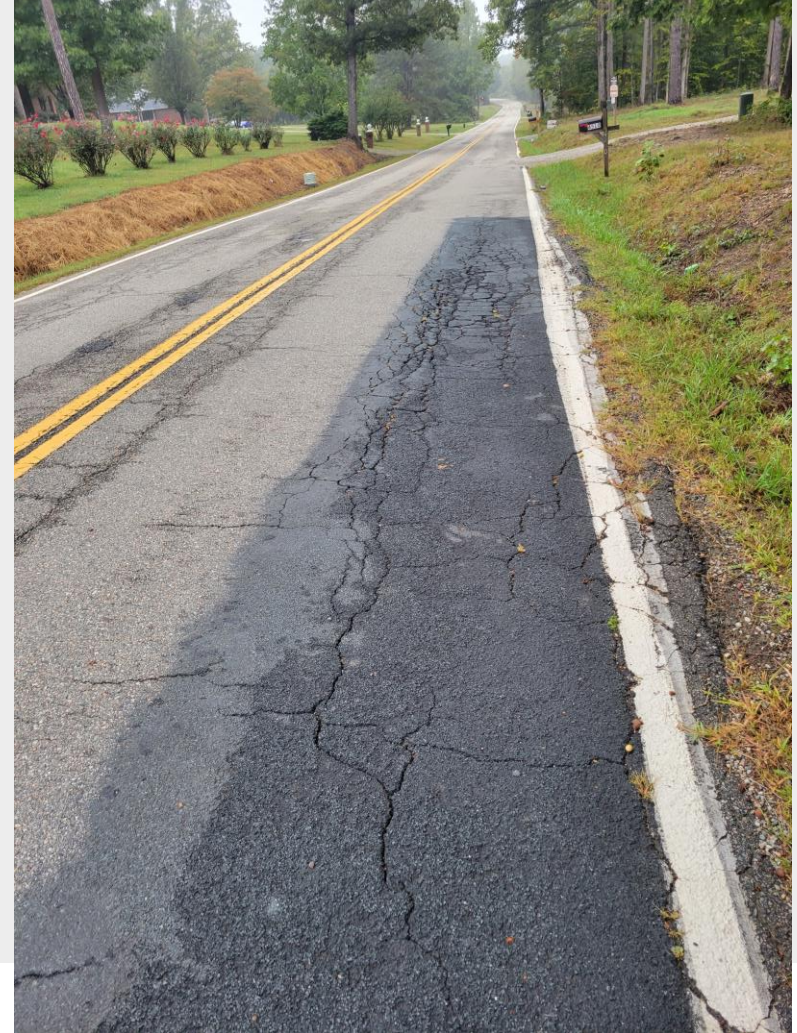
Changing Project Requirements



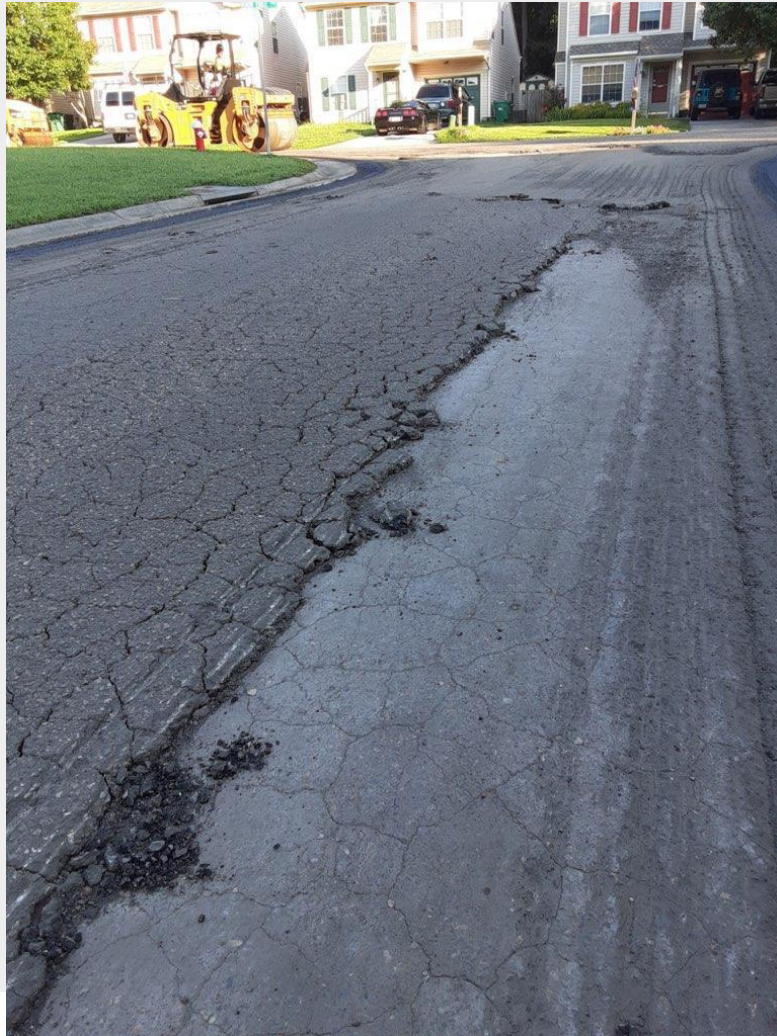
Looking for Ride In All The Wrong Places



To Patch or Not To Patch



Consistently Inconsistent



Paper Reduction

Raw Ticket Data		Weights			
Ticket	10013422		Tons	Lbs	Metric Ton
Ticket Status	Delivered	Gross	33.14	66280.00	30.06
Date Printed	Oct 12, 2023	Net	18.82	37640.00	17.07
Time Printed	1:22 AM EDT	Tare	14.32	28640.00	12.99
Supplier	Chemung Contracting				
Plant Name	Mitchells Asphalt				
Origin Address	-				
Contract Number	PM07 (325)				
Job	Asphalt - VDOT #706 Plant Interstate-PM7D-967-D23P401PM07				
Job#	2102-23				
Ticketed Phase Description	Rte 64 LC MP 7.1-8.91				
Customer Name	Chem Cont - Contract Jobs				
Connected DOTProject Number	-				
Ticketed Phase Code	31-03				
PO #	PM7D-967-D23P401PM07				
Hauler	JMF Trucking LLC				
Truck	JMF96				
Product Description	734-2023-33 WM				
Product	SM 12.5A (50 GYR)				
Product Code	2620				
Load Number	49				
Daily Total	916.49				
Load	49				
Weighmaster	Matthew Ciuross				

Inspector review: DOT		Pending		Inspector review: Contractor		Delivered	
Waste	Station			Field Temp	Plant Temp	Waste	Station
Theoretical Maximum Density	In-Place Density			Notes			
-	100.0			Inspector	Signed At		
Design Thickness	Width			Steven Cooke	Oct 12 2023, 3:23 AM EDT		
Notes							
Inspector							

CHEMUNG CONTRACTING		10496 QUARRY DR MITCHELL, VA 22729		*** Silo 1 Loadout ***	
Time: 1:22 am	Quote: 2102-23	Site Code: 36082	Plant #: 87 - MCH Drum	Ticket #:	10013422
Date: 10/12/23					

Customer And Shipping Information		Job Information	
ID: 132	Job #: 2102-23	Name: Asphalt - VDOT #706 Plant Interstate-PM7D-967-D23P401PM07	
Name: Chem Cont - Contract Jobs	P.O.#: PM7D-967-D23P401PM07	Contract ID: PM07 (325)	
Info:	Phase: 31-03 - Rte 64 LC MP 7.1-8.91		
Ship To:			

Truck And Carrier Information		Truck Weights	
Truck ID: JMF96	Lic:	GROSS	NET
Description: UB72784		33.14 TN	18.82 TN
Vendor ID: 21886		66280 lb	37640 lb
Name: JMF Trucking LLC			
VP Hauler Type: Delivered	Haul Rate: None		

Product And Load Totals	
Prod Code: 2620	
Prod Name: SM 12.5A (50 GYR)	
Mix Code: 734-2023-33 WM	
Today: 49 Loads	Mtrl Today: 916.49 TN
To Date: 66 Loads	Mtrl To Date: 1,232.13 TN

*** WARNING ***
HOT MATERIAL WILL CAUSE BURNS
USE CAUTION

Received By: _____
Driver: _____
Weighmaster: Matthew Ciuross



Simple Physics



This Ain't The Time or Place



What Does The Future Hold



Pilot Contract
Projects



Digital
Construction and
Reporting



???





Questions or Thoughts

