What's New in Preservation







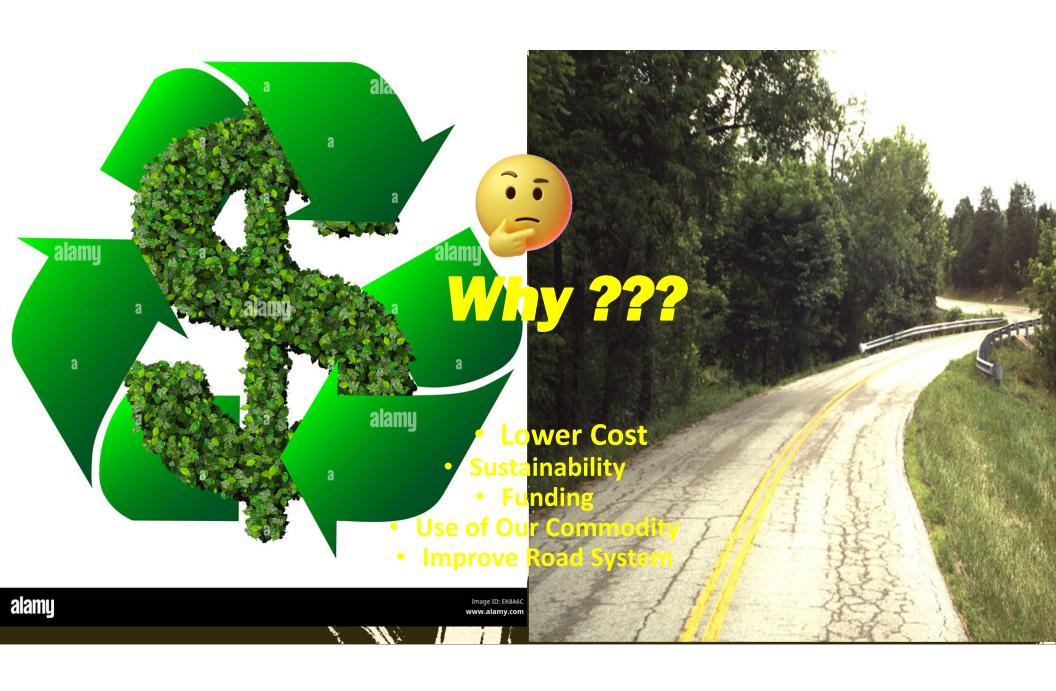






Reclaimed
Asphalt
Pavement
in
Preservation







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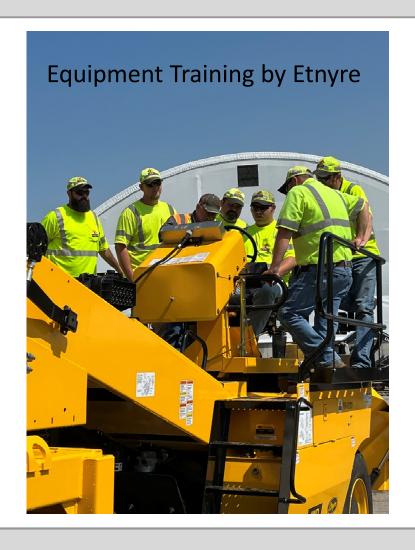


- Research Study
- Collaboration
- **Implementation**









































From: Firment, Andrew

To: Noble-Navarro, Paris E (KYTC)
Cc: Young, Steven B; Firment, Andrev
Subject: KYTC / PENNDOT Partnership

Date: Wednesday, December 6, 2023 8:30:47 AM

This Message Originated from Outside the Organization

This Message Is From an External Sender.

Report Suspicious

Paris... See below the blurb I pulled together. You can use as you see fit. I hope this helps!!!

A critical part of continuous improvement is collaboration. Over this last year, PennDOT is ecstatic about the relationship created between our Department and the Kentucky Transportation Cabinet. Our relationship has allowed us to collectively expand our system preservation programs in an innovative cost effective manner. Collectively, we (in both states) have completed pilot projects utilizing asphalt millings in lieu of virgin aggregate in a microsurfacing project. As environmental stewards, this was the 1st of its kind for both of us to more effectively utilize asphalt millings while driving efficient and cost effective preservation treatments. Our partnership continued to blossom beyond the microsurfacing pilot projects and provided us the opportunity to support you quest to produce #8 AASHTO sized aggregate from asphalt millings to be used in your Department Force seal coat program. Having completed many projects of this nature in the past, PennDOT was ecstatic to share our lessons learned and most of all work hand in hand with your wonderful Kentucky Department Force Crew to provide a quality, efficient, and cost effective seal coat project. For us, this was monumental to have our Department employees travel to another state to support and work alongside your Department employees to provide a quality service for our customers. Most importantly we greatly appreciated the opportunity to learn about your cape seal program and how the treatment has extended pavement life, reduced reflective cracking, and provided an overall quality roadway for your traveling public. We will be looking to add this treatment to our preservation program in the future and will lean on your Transportation Cabinet for support. Overall these projects are just a few examples of how important partnerships are to our industry. This partnership will continue to let us learn from each other in our quest for transportation excellence. We are beyond grateful to the entire Kentucky Transportation Cabinet for the collaboration and we look forward to our continued partnership!

Take care!!

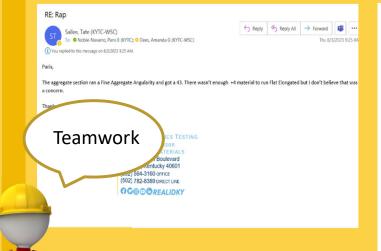


Extraction

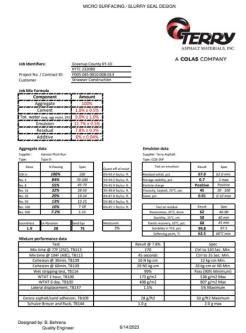
Kentucky Transportation Cabinet, Department of Highways, Division of Materials Applant Micturer Setting Section 1227 Wilkinson Boulevard, Frankfort, KY 40901-1226 Extraction/Extracted Gradation Analysis								
Project Number:		232080			Site	tangager ID#:		
Tested By:		Billy D.			_Lab:			_
Date Sampled:					Date	Comp.:	October	9, 2023
Test Method(s) Used:		Kentucky Method (KM) 405 and KM 433			Field	Verification Date:		
					1			****
Sieve	Grams	Percent	Percent	JMF	1	Sample Weight (g):		1166.
Size	Retained	Retained	Passing		1	Final Pad Weight (g)		39.4
2.0 in.	0.0	0.0	100.0		1	Original Pad Weight	(g):	0.5
1.5 in.	0.0	0.0	100.0		1	Pad Gain (g): Weight of Pan & Ago		2094.
1.0 in.	0.0	0.0	100.0		1		regate (g):	965.5
0.75 in.	0.0	0.0	100.0		1	Weight of Pan (g):		1129.
0.50 in.	0.0	0.0	100.0		۱.	Weight of Agg. (g): Bottle Correction:		1129.
0.38 in.	0.0	0.0	100.0		1°	Weight of Bottles & D	hust (a):	994.0
#4	91.8	8.1	91.9		1	Weight of Bottles (g)		991.0
#8	261.2	23.1	42.3		1	Weight of Dust (g):		3.0
# 16	300.4 186.8	16.5	25.8		1。	Mineral Matter Corre	ction:	
# 30	117.4	10.4	15.4		1 ~	Total Volume of Efflu		
# 100	50.4	4.5	11.0		1	Volume After Sample		
# 200	27.0	2.4	8.61		1	Weight of Ash in Sar		
Pan	12.4	1.1			-3	Weight of Mineral Ma		N/A
Total	1132.5							
1000						% Loss on Wash:		
						% AC (Without Corre	ection):	3.19
						% AC (With Bottle C	orrection);	2.93
						% AC (With Min. Mar	tter Corr.):	N/A
Douistions fo	rom Test Meth	ord:						
Deviations II	om rest Meu							

Brain Young, Tate Sallee & Amanda Dees

Fine Angularity & Flat Elongated



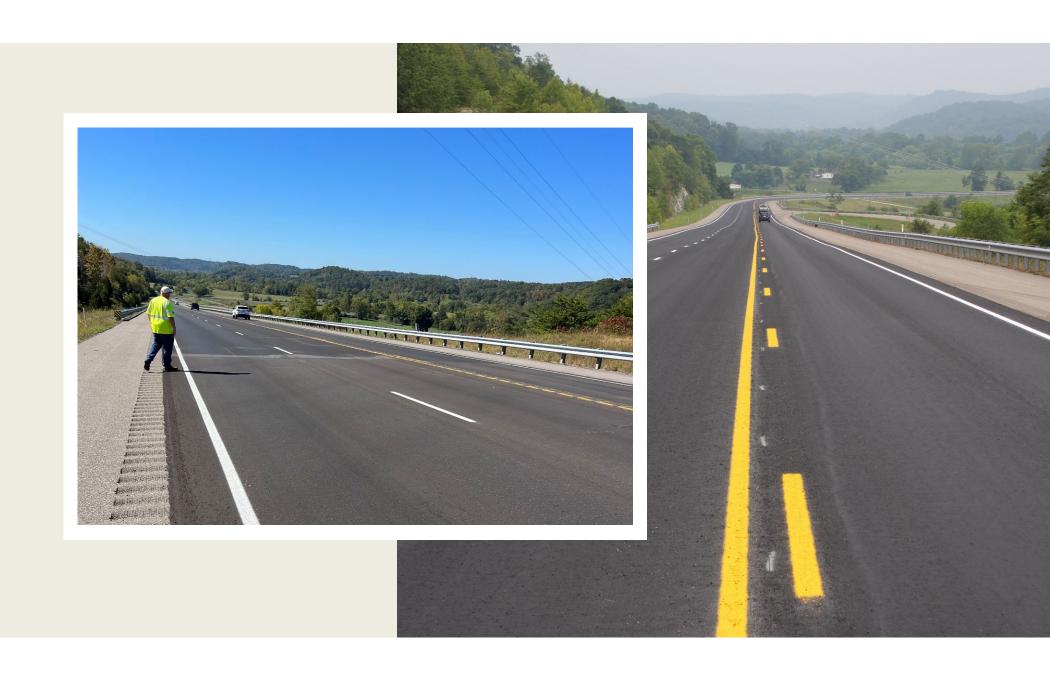
Mix Design



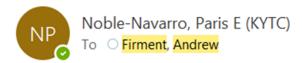








FW: Friction on KY 10





Tue 10/24/2023 10:18 AM

From: Rich, Eric W (KYTC-WSC) < Eric.Rich@ky.gov>

Sent: Monday, October 23, 2023 6:15 PM

To: Dees, Amanda G (KYTC-WSC) < <u>Amanda.Dees@ky.gov</u>>

Subject: RE: Friction on KY 10

Amanda,

Below are the results for skid testing on the two sections of Mircro in Greenup County. I have added these sections to the testing schedule for next year and we will test it early and late if needed. There is not a lot of traffic in these sections as one is around 3K and the other is 4K ADT. Let me know if the individual hits or anything else is needed for these sections. Thanks,

KY 10 Greenup County at mile points 8.32 to 9.28 (Section of Rap №

KY 10 Greenup County at mile points 10.0 to 12.0 (Standard Micro)-

Eric Rich

Transportation Engineering Tech III
Aggregate Liaison District 6, 9, 11 & 12
Skid Data Coordinator
Cell (502) 234-8778



District 6 Training by Reynolds Sealing & Striping









Questions

