

PAPA Regional Technical Meeting

March 15, 16 & 17, 2022
8:00 AM to 3:00 PM
District X

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2021 Asphalt Mix Testing

Testing:

- 147 Lots- Mixture Acceptance by box sample
- 90 Lots – Density Acceptance by pavement core

Failure:

- 0 AC failures
- 0 Gradation failures
- 1 Density failures
- 1 R&R

2021 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2021	2020	2019	2018	2017	2016
Lots Tested	51	41	65	75	57	66
% Density Range	89-97.9	89-98	87-98	89-96	91-95	92-96
% Average Density	93.73	93.4	93	93.4	93.3	94
Incentive Lots		0	0	0	0	0
Zero Lots			1		1	
Disincentive Lots						
Total \$ for Incentive Lots	217,239	221,600	229,650	234,950	222,000	353,500
Total \$ for Disincentive Lots	0		0	0	2	0
Delta (Incentive - Disincentive)	217,239	216,600	229,650	234,950	221,000	353,500

REF: Section 405 Evaluation of Bituminous Pavement
 Longitudinal Joint Density and Payment of Incentive/Disincentive

2021 Longitudinal Joint Density Performance

- Longitudinal Joint Type
 - Which joint type is being utilized most?
Tapered
 - Are you having any longitudinal joint issues?
No
 - Did you or are you planning to pilot J-Band (Void Reduction Asphalt Membrane VRAM)? If you piloted, what are your observations?
 - Our concern is more with the wicking from the bottom of the core.

2022 Planned Construction Projects

- List Projects With > 1000 tons of Asphalt Paving
 - ECMS 32152, Let Date 03/31/2022, SR 77, Crawford County, 14,400 Tons
 - ECMS 112663, Let Date 04/28/22, SR 198, Crawford County, 9,500 Tons
 - ECMS 99605, Let Date 03/31/22, SR 2007 and 2012, Crawford County, 6,800 Tons
 - ECMS 116431, Let Date 02/17/22, SR 1010 and 2029, Crawford County, 10,050 Tons
 - ECMS 98555 , Let Date 01/27/22, SR 208, Venango County, 30,250 Tons
 - ECMS 116438, Let Date 02/17/22, SR 4022, Venango County, 10,550 Tons

2022 Planned Construction Projects

- List Projects With > 1000 tons of Asphalt Paving
 - ECMS 89212, Let Date 05/26/22, SR 197 and 4016, Erie County, 21,600 Tons
 - ECMS 99738, Let Date 05/26/22, SR 8 and 505, Erie County, 15142 Tons
 - ECMS 116436, Let Date 02/17/22, SR 1009, Erie County, 9400 Tons
 - ECMS 112664, Let Date 03/03/22, SR 4006, Forest County, 3561 Tons
 - ECMS 112652, Let Date 04/14/22, SR 358 and 3014, Mercer County, 19050 Tons
 - ECMS 116439, Let Date 03/17/22, SR 1004, Mercer County, 10,700 Tons
 - ECMS 116443, Let Date 04/28/22, SR 27, Warren County, 21,600 Tons

2022 Maintenance Asphalt Tons (Estimated)

County	9.5 mm	9.5 mm LVR	12.5 mm	19.0 mm	19.0 mm LVR	25.0 mm	25.0 mm LVR	37.5 mm
1-1	27600				13150			
1-2	36742				9400			
1-3		3561						
1-4	19050	1950			8750			
1-5	25600				15200			
1-6	10400			11200				
TOTAL TONS	119392	5511		11200	46500			

LVR = Low Volume Roads



District eTicketing Pilots

- Please discuss your experience with Asphalt eTicketing Projects.
 - Pluses being able to add notes to our tickets
 - Minuses- the lack of internet service in our district

District 6.3 & SMA Projects

- List of 2021 6.3 mm Thin Lift projects
None
- List of SMA Projects
 1. SR 90-A36 (4 miles EB & WB)

District HWTT/IDEAL-CT Pilots

- Please list pilot HWTT/IDEAL-CT Pilot Projects
- Currently no

Mix Design

- Do you see any issues with reducing the mix design gyration numbers to 50 & 75?
 - Just carry overs

District 9.5 mm & 19.0 mm High RAP Mixes for LVR Mixes

- Have your maintenance forces completed a 19.0 mm or 9.5 mm for Low Volume Roads mix project yet?
 - Erie County SR 2025 and 2027 – 19.0 MM High RAP Binder
 - Crawford County SR 1019 – 19.0 MM High RAP Binder
 - Erie/Crawford SR 98 – 19.0 MM High RAP Binder
 - These were contracted projects (maintenance funded) in 2021. Still too early to tell how they will perform. SR 98 will be interesting to watch over the next couple years. Erie Co. seal coated their section prior to winter. Crawford left their section open to winter over and are seal coating this year (2022). Will be good comparison.

District Rehabilitation Projects

- Have you bid and/or completed any crack and seat projects/rubblization/asphalt structural overlay in the past few years?
 - SR 8 A10 project in Venango Co. The majority of the **project was crack and seat with 7" overlay.**
 - Slabs slipped, had to be rebroke
 - New Spec

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
 - Materials meetings
 - Inspector communication

2021 District Issues - Problems

- Please discuss any issues, problems, etc. that you had with asphalt paving producers or contractors. How did you resolve them?
 - Communication with our Maintenance and Municipal partners

2022 District Changes - Direction

- Please list - discuss any changes to policy, specifications, special provisions, staff, etc. that are relevant to the asphalt paving industry.
- Pilot project for High Polymer SMA

Questions/Comments???



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