

PAPA Regional Technical Meeting

March 21, 2024
8:00 AM to 3:00 PM
District 4

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Agenda

1. 2023 Asphalt Mix Testing Results
2. 2023 Longitudinal Joint Density Performance
3. 2024 Planned Construction Projects
4. 2024 District Rehabilitation Projects
5. 2024 Maintenance Asphalt Tons
6. District Use of 9.5 mm, 19.0 mm & 25.0 mm High RAP Mixes for LVR
7. District eTicketing Status
8. District 6.3 mm & SMA Projects
9. District RAP Mix Percentages
10. District BMD HWTT/IDEAL-CT Implementation
11. District Innovations & Best Practices
12. 2023 District Issues – Problems
13. 2024 District Changes - Direction

2023 Asphalt Mix Testing

Percent Pay:

- AC Content
 - >100%: 146
 - 100%: 14
 - <100%: 29
- Gradation: No. 200 Sieve
 - >100%: 160
 - 100%: 15
 - <100%: 14

Percent Pay:

- Gradation: PCS
 - >100%: 136
 - 100%: 0
 - <100%: 36
- Density
 - >100%: 117
 - 100%: 35
 - <100%: 28

2023 Asphalt Mix Testing

Testing:

- 198 Lots- Mixture Acceptance by box sample
- 180 Lots – Density Acceptance by pavement core

Failure:

- 2- AC Content failures
- 0- Gradation failures
 - 0-# 200 Sieve –
 - 0# Primary Control Sieve -
- 1- Density failures

Retests Requested:

- 3 Requested –
- Retest Results -
 - 2- passed
 - 1- failed =R&R

Performance

Longitudinal Joint Density Summary

Year	2023	2022	2021	2020	2019	2018
Lots Tested	30	20	32	57	60	16
% Density Range	86.1-97.5	88.2-97.9	85.7-97.6	85.9-97.7	81.9-97.8	85.2-96.7
% Average Density	92.4	93.0	92.9	92.7	92.1	91.6
Incentive Lots	67,040	102,625	167,725	173,199	73,250	45,400
Zero Lots						
Disincentive Lots	0	0	0	0		
Total \$ for Incentive Lots	0	0	0	0	-6,400	-24,800
Total \$ for Disincentive Lots						
Delta (Incentive – Disincentive)	67,040	102,625	167,725	173,199	66,850	21,120

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

Performance

- Longitudinal Joint Type
 - Which joint type is being utilized most?
 - Tapered (Wedge)
 - Are you having any longitudinal joint issues?
 - No
 - Did you or are you planning to use J-Band (Void Reduction Asphalt Membrane VRAM)? If you piloted, what are your observations?
 - No

2024 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**

- ECMS # 120530 3/14/24, SR 0006, Wayne, 2534 Tons
- ECMS # 117797 2/15/24, SR 0011, Lackawanna, 8811Tons
- ECMS #, 114039 03/14/24 SR 0006, Wyoming, 8,039Tons
- ECMS #, 114809 03/28/24 SR 0011 Wyoming, 10,935 Tons
- ECMS #, 119235 03/28/24 SR 309 Luzerne, 6673 Tons
- ECMS #, 120487 04/11/24 SR2020&3004 Luzerne, 11596 Tons
- ECMS # 108297 04/11/24 SR 1023&2014, Lackawanna 2832 Tons
- ECMS # 119488 01/11/24 SR 590, Pike, 2693 Tons

District Rehabilitation Projects

- Have you bid and/or completed any crack & seat break & seat projects with asphalt structural overlay in the past few years?
 - No
- Do you have any projects programmed for 2024 or 2025? No

2024 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
X-1							
4-2	2,100			22,000		250	
4-3	16,525			21,600			
4-4	4,200			4,100		100	
4-5	5,000			3,500		500	
4-6	15,000			2,000			
4-7	2,000			18,000		250	
X-8							
X-9							
TOTAL TONS	44,825			71,200		1,100	

LVR = Low Volume Roads

District eTicketing Status

- Please discuss your experience with Asphalt eTicketing Projects.
 - Very limited, only a couple are ready.
- Are contractors in your District ready to implement this October?
- No

District 6.3 mm & SMA Projects

- List of 2024 6.3 mm Thin Lift projects
 - None as of yet
- List of 2024 SMA Projects
 1. SR 6006 Lackawanna County/ North Scranton Expressway
- Any 2024 or 2025 HiMA SMA Pilot Projects?
 - No

District RAP Mix Percentages

- Please provide average RAP % for the following mixes:
 - Wearing - 17.5% and total tons 252,083 tons
 - Binder - 15% and total tons 221,232 tons
 - Base – 15 % and total tons 83,263
 - Average RAP % of all mixes – 17.5% and total tons 556,578 tons.
- What are the impediments to increasing RAP% in the mixes?
 - Availability of RAP.

District BMD HWTT/IDEAL-CT Implementation

- Please discuss District opinion of owner – contractor readiness to implement BMD.
- All ready to go.
- Please discuss any issues, problems, opportunities, successes, etc. you would care to share?

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.

None to date.

2023 District Issues - Problems

- Please discuss any issues, problems, etc. that you had with asphalt paving producers or contractors. How did you resolve them?

None, our producers are very responsive to any issues that may arise during the year.

2024 District Changes - Direction

- Please list - discuss any District changes to policy, specifications, special provisions, etc. that are relevant to the asphalt paving industry.

None

- Any staff changes since last year?

None.

Audience Questions/Comments???



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