

PAPA Regional Technical Meeting

March 17, 18 & 19, 2026
8:00 AM to 3:00 PM
District 1

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AGENDA

1. 2025 Asphalt Mix Testing Results
2. 2025 Longitudinal Joint Density Performance
3. VRAM – JBAND Usage
4. 2026 Planned Construction Projects – Asphalt Pavement
5. 2026 – 2027 - 2028 District
Rehabilitation/Reconstruction/Construction Projects
6. 2026 Maintenance Asphalt Tons
7. District Use of 9.5 mm, 19.0 mm & 25.0 mm High RAP Mixes for LVR
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. 2025 District Issues – Problems
13. 2026 District Changes - Direction

2025 Asphalt Mix Testing

Testing:

- 77 Lots- Mixture Acceptance by box sample
- 62 Lots – Density Acceptance by pavement core

Failure:

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

Retests Requested:

- # Requested = 1
- Retest Results
 - Passed: Result was better than original = 1
 - Result stayed the same = 0
 - Failed: Result was worse than original = 0

2025 Asphalt Mix Testing

Percent Pay (#Lots):

- AC Content
 - >100%: 69
 - 100%: 2
 - <100%: 6
- Gradation: No. 200 Sieve
 - >100%: 74
 - 100%: 2
 - <100%: 1

Percent Pay (#Lots):

- Gradation: PCS
 - >100%: 70
 - 100%: 0
 - <100%: 4
- Density
 - >100%: 55
 - 100%: 1
 - <100%: 6

2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	31	33	34	71	51	41
% Density Range	86.8-97	88.8-97.3	88.2-97.7	87.5-97.9	89-97.9	89.2-98.1
% Average Density	94.1	94.2	94.3	94.3	93.7	93.4
Incentive Lots	26		278,375	330,500	217,239	221,600
Zero Lots	5	0				
Disincentive Lots	0	0				
Total \$ for Incentive Lots	192,000	215,000	0	-3000	0	-5000
Total \$ for Disincentive Lots	0					
Delta (Incentive – Disincentive)	192,000	215,000	278,375	327,500	217,239	216,600

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



DEPARTMENT OF TRANSPORTATION

2025 Longitudinal Joint Density Performance

- Longitudinal Joint Type
 - Are you having any longitudinal joint issues?
 - Not at this time.
 - Do contractors or staff in your District need any training on how to construct a quality longitudinal pavement joint?
 - No

Longitudinal Joint VRAM (JBAND)

- Did you construct any longitudinal joints using J-Band (**V**oid **R**eduction **A**sphalt **M**embrane **V**RAM) instead of PUB 408 Section 405?
 - How many projects in 2025? 0
 - How many projects in 2026? 2
 - What are your observations? DE has made a new requirement to use j-band on all interstate joints.

2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**
 - ECMS# 76852, SR 79-A11, Erie, 168,000 Tons
 - ECMS# 109793, SR 79-A18, Mercer, 40,233 Tons
 - ECMS# 109153, SR 62-13M, Venango, 20,000 Tons
 - ECMS# 121947, SR3024-561, Venango, 12,000 Tons
 - ECMS# 51188, SR58-06M, Mercer, 20,000 Tons

District Rehabilitation Projects

- Have you bid and/or completed any fractured slab (i.e. crack & seat, break & seat, or rubblization) projects with asphalt structural overlay in the past few years?
 - None for the near future
- Do you have any projects programmed for 2026 or 2027 or in future construction seasons? If so, where and what is the ECMS# none at this time

District Reconstruction/Construction Projects

- Do you have any highway reconstruction or construction projects programmed to be let for 2026, 2027 or 2028 construction seasons? If so, when (anticipated let date), where (County, SR - Segment – Offsets) and what is the ECMS# (if known)?
 - 2026 – SR 80 State line to SR 376
 - 2027 – SR 80 MM 10-15
 - 2029 - SR 80 MM 5-10

2026 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
1-1	630			100			
1-2	1,525			2,500	7,120	280	
1-3	375					275	
1-4	2,455			925	7,059		
1-5	5,120			300	16,500		
1-6	2,850					1,210	
TOTAL TONS	12,655			3,825	30,679	1,765	

LVR = Low Volume Roads

▶ High RAP Mixes for Low Volume Roads (LVR)

- What is the highest % of RAP in any LVR Mix in your District?
 - 9.5mm – 35%
 - 19.0mm - 40%
 - 25.0mm - 35%

District 6.3 mm & SMA Projects

- List 2026 6.3 mm Thin Lift projects
 1. None

- List any 2025 or 2026 HiMOD SMA Pilot Projects?
 1. None

- Would you spec anymore HiMOD Projects? Why or why not? Our scope usually takes us out of using it.

District SMA Projects

- List 2023-2025 how many tons of SMA per year
 - 2023: 12,000
 - 2024: 20,000
 - 2025: 19,000
- List 2026 SMA Projects & Note those with 10% RAP
 1. None

District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
 - Wearing - 18% and total tons 221,143
 - Binder - 26% and total tons 68,867
 - Base – 28 % and total tons 102,042
 - Average RAP % of all mixes – 22% and total tons 392,052
- How do we overcome the impediments to increasing RAP% in the mixes?
 - Multiple times being milled, are we truly getting the right % of RAP

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
 - Materials quarterly meetings
 - Spring and summer reviews

District Issues Pre-Pave Meetings

- Who attends from your district
- Materials manager/TCI
- What are the top 3- 5 topics you make sure to discuss?
 - Density requirements, how you're going to obtain compaction.
 - Temps
 - JMF mixture acceptance
 - Number of trucks

District Issues Pre-Pave Meetings

- What issues are you seeing that should have been covered in the pre-pave meeting?
- None

2026 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 at this time

Audience Questions/Comments???



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