

PAPA Regional Technical Meeting

March 19, 2026
8:00 AM to 3:00 PM
District 6-0

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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:

- 162 Lots- Mixture Acceptance by box sample
- 157 Lots – Density Acceptance by pavement core

Failure:

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

Retests Requested:

- # Requested = 2
- Retest Results
 - Passed: Result was better than original = 0
 - Result stayed the same = 0
 - Failed: Result was worse than original = 2

2025 Asphalt Mix Testing

Percent Pay (#Lots):

- AC Content
 - >100%: #111
 - 100%: #20
 - <100%: #31
- Gradation: No. 200 Sieve
 - >100%: #124
 - 100%: #21
 - <100%: #17

Percent Pay (#Lots):

- Gradation: PCS
 - >100%: #110
 - 100%: #0
 - <100%: #31
- Density
 - >100%: #129
 - 100%: #17
 - <100%: #11

2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	1	1	2	14	8	10
% Density Range	90-95.9	91.1-93	88.2-92	88.9-97.5	90.4-96.8	89.6-97.3
% Average Density	92.9	92.1	90.1	93.1	93.5	92.2
Incentive Lots	1	1	0			
Zero Lots	0	0	0			
Disincentive Lots	0	0	2			
Total \$ for Incentive Lots	400	3,000	0	114,000	36,500	43,500
Total \$ for Disincentive Lots	0	0	-2,250	0	0	0
Delta (Incentive - Disincentive)	400	3,000	-2,250	114,000	36,500	43,500

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

2025 Longitudinal Joint Density Performance

- Longitudinal Joint Type
 - Are you having any longitudinal joint issues? **NO**
 - Vertical(Butt) behind Barrier **Tapered (Wedge) open road Pneumatic solid wheel for notched wedge**
 - Do contractors or staff in your District need any training on how to construct a quality longitudinal pavement joint?
 - Yes or no
 - **I wouldn't say need but the more training the better**

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? I-76 & I-476
 - How many projects in 2026? XX
 - What are your observations? I have only heard good things. VRAM is step up from Incentive/Disincentive. Expensive and Quality is still being monitored.

▶ 2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**
 - E81929, Let Date 2/26, SR 422, Mont, 33K Tons
 - E82053, Let Date 2/26, Seal Coat, Del, 1.6Mil Lf
 - E82060, Let Date 2/26 Seal Coat, Phila, 1.4 mil Lf
 - E85949, Let Date 5/5, SR 896, Chester, 25K Tons
 - E107648, Let Dat 5/7 SEC 648, Phila, 3,600 Tons
 - E13440, Let Date 7/2 SR 663, Bucks, 17K Tons
 - E51223, Let Date 10/1 SEC HRP, Phila, 6K Tons
 - E119437, Let Date 11/5 SEC GSP, Phila, 11K Tons
 - E121096, Let Date 11/5 SEC 112, Phila, 13K Tons
 - E103553, Let Date 8/13 SR95 SecGR6, Phila 22K

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? **NO**
 - If so, please briefly discuss project and any take-aways?
 - **Too Many Bridges.**
- Do you have any projects programmed for 2026 or 2027 or in future construction seasons? If so, where and what is the ECMS#? **NO**

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)?
 - E103553- **Let 8/13 Phila 95 GR6 360 mil**
 - **Rebuild South 95 between Race street and Frankford ave 22k tons**
 - **Continue the 330 mil CAP project**
 - **2027-BS5(Bridge St),BR5(Betsy Ross). 2028-GR5(Allegheny Ave)**

2026 Maintenance Asphalt Tons (Estimated)

County	9.5 mm	12.5 SMA	19.0 mm	25.0 mm
Bucks	45,850		3,500	3,050
Chester	28,333		20,256	14,295
Delaware	26,556	7,623		445
Montgomery	44,690	27,166		2,550
Philadelphia	55,328			4,500
X-6				
X-7				
X-8				
X-9				
TOTAL TONS	200,757	34,789	23,756	24,840

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 – **30%**
 - 19.0mm - **30%**
 - 25.0mm - **30%**

District 6.3 mm & SMA Projects

- List 2026 6.3 mm Thin Lift projects

1. 0

2. 0

- List any 2025 or 2026 HiMOD SMA Pilot Projects?

1. I-476, I-76, SR 309

- Would you spec anymore HiMOD Projects? Why or why not?

I would like to see how it performs under Extreme condition like Schuylkill

- Expressway I-76. Temp is important. Hard to work cold.

District SMA Projects

- List 2023-2025 how many tons of SMA per year
 - 2023: 6,698
 - 2024: 59,454
 - 2025: 16,780 10% 3,994
- List 2026 SMA Projects & Note those with 10% RAP
 1. E81929 Mont ST resurfacing 2026 M17
 2. E82052 Delaware ST resurfacing 2026 D16
 3. Unknown RAP content at this time.

District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
 - Wearing - 19% and total tons 460,521 NO SMA
 - Binder - 20% and total tons 53,035
 - Base – 24 % and total tons 80,656
 - Average RAP % of all mixes – 20% and total tons 594,212
- How do we overcome the impediments to increasing RAP% in the mixes?
 - Pilot with High RAP Rejuvenator CT Index and Hamburg Nearly Doubled
 - Cross Rd SR 1020
 - ??

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
 - Still looking for Cold Central Plant Recycle project (CCPR)
 - X
 - X

District Issues Pre-Pave Meetings

- Who attends from your district
- QA and Project personnel
- What are the top 3- 5 topics you make sure to discuss?
 - Run through the QC Plan
 - X
 - X
 - X
 - X

District Issues Pre-Pave Meetings

- What issues are you seeing that should have been covered in the pre-pave meeting?

2026 District Changes - Direction

- Please list - discuss any District changes to policy, specifications, special provisions, etc. that are relevant to the asphalt paving industry.
 - ✓ We have seen a couple of producers with Dirty truck beds and Diesel
- Any staff changes since last year?
 - ✓ Matt Metanchuk
 - ✓ Chuck Krupnick

Audience Questions/Comments???



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