

PAPA Regional Technical Meeting

March 19, 2026
8:00 AM to 3:00 PM
District 4

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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:

- 209 Lots- Mixture Acceptance by box sample
- 178 Lots – Density Acceptance by pavement core

Failure:

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

Retests Requested:

- # Requested = 9
- Retest Results
 - Passed: Result was better than original = 8
 - Result stayed the same = 0
 - Failed: Result was worse than original = 1

2025 Asphalt Mix Testing

Percent Pay (#Lots):

- AC Content
 - >100%: 110
 - 100%: 61
 - <100%: 38
- Gradation: No. 200 Sieve
 - >100%: 110
 - 100%: 59
 - <100%: 40

Percent Pay (#Lots):

- Gradation: PCS
 - >100%: 118
 - 100%: 0
 - <100%: 31
- Density
 - >100%: 126
 - 100%: 45
 - <100%: 8

2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	21	14	30	20	32	57
% Density Range	88-97.5	83.5-97.3	86.1-97.5	88.2-97.9	85.7-97.6	85.9-97.7
% Average Density	93.7	92.5	92.4	93.0	92.9	92.7
Incentive Lots	18	8	16	15	21	38
Zero Lots	2	3	8	5	6	7
Disincentive Lots	1	3	4	0	3	4
Total \$ for Incentive Lots	109,725	46,500	67,040	102,625	167,725	173,199
Total \$ for Disincentive Lots	-1,050	-18,250	0	0	0	0
Delta (Incentive – Disincentive)	108,675	28,250	67,040	102,625	167,725	173,199

**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
 - If so, please explain.
 - Do contractors or staff in your District need any training on how to construct a quality longitudinal pavement joint? No
 - We did have one contractor use a notch wedge pneumatic roller attachment.

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? **None**
 - How many projects in 2026? **None**
 - What are your observations? **N/A**

▶ 2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**
 - **ECMS 123160, 3/26/26, SR 11, Luzerne, 13,583 Tons**
 - **ECMS 121055, 3/26/26, SR 6, Wyoming, 1,695 Tons**
 - **ECMS 121597, 4/9/26, SR 2005, Luzerne, 10,150 Tons**
 - **ECMS 117982, 4/23/26, SR 11, Luzerne, 11,887 Tons**
 - **ECMS 108610, 4/23/26, SR 3019, Luzerne, 9,942 Tons**
 - **ECMS 114806, 5/7/26, SR 1017, Wyoming, 3,136 Tons**
 - **ECMS 108771, 5/7/26, SR 4004, Luzerne, 2,857 Tons**
 - **ECMS 108714, 5/21/26, SR 247, Susquehanna, 12,044 Tons**
 - **ECMS 108573, 6/18/26 SR 3012, Lackawanna, 3,435 Tons**

2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**
 - **ECMS 114487, TBD, SR 3012, Pike, 5,003 Tons**
 - **ECMS 121602, TBD, SR 6, Pike, 15,656 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? **No**
 - If so, please briefly discuss project and any take-aways?
- 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)?
 - **2026 – 1/8/26 Lackawanna SR 81 Sec 230 92435**
 - **2026 – Fall 2026 Luzerne SR 80 Sec 311 107495**
 - **2027 – 7/15/27 Luzerne SR 424 Sec 353 116177**
 - **2028 – 9/14/28 Luzerne SR 81 Sec 316 115097**
 - **2028 – 9/14/28 Lackawanna SR 81 Sec D46 87736**

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
4-2	950			17,850			
4-3	11,000			30,750			
4-4	1,000			3,500			
4-5	1,000			23,900			
4-6	15,000			15,750			
4-7	200			14,500			
TOTAL TONS	29,150			106,250			

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. **None**

- List any 2025 or 2026 HiMOD SMA Pilot Projects?

1. **None**

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

District SMA Projects

- List 2023-2025 how many tons of SMA per year
 - 2023: **20,621**
 - 2024: **29,894**
 - 2025: **85,005**

- List 2026 SMA Projects & Note those with 10% RAP
 1. **SR 81 Sec 230 Lackawanna County (Already awarded)**
 2. **SR 80 Sec 350 Luzerne County (Already awarded)**
 3. **SR 80 Luzerne Sec 311 County**

District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
 - **Wearing - 20% and total tons 173,235**
 - **Binder - 16% and total tons 196,160**
 - **Base – 17 % and total tons 117,926**
 - **Average RAP % of all mixes – 18% and total tons 487,321**
- How do we overcome the impediments to increasing RAP% in the mixes?
 - **Preprocess RAP material (crushing and screening).**
 - **Store RAP under cover to minimize moisture content.**

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
 - Cape Seal on SR 11 Lackawanna County.
Construction went well and we are still evaluating.

District Issues Pre-Pave Meetings

- Who attends from your district
 - **Project ACE, IIC, Material unit, and QA staff**
- What are the top 3- 5 topics you make sure to discuss?
 - **Safety**
 - **QC Plan and SOS**
 - **Sampling Requirements**
 - **Communication between field and plant**

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?
 - ✓ Robert McGowan, DMM – Retired
 - ✓ Matt Sims, TCI

Audience Questions/Comments???



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