

PAPA Regional Technical Meeting

March 18, 2026
8:00 AM to 3:00 PM
District 9-0

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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:

- 109 Lots- Mixture Acceptance by box sample
- 84 Lots – Density Acceptance by pavement core

Failure:

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

Retests Requested:

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

2025 Asphalt Mix Testing

Percent Pay (#Lots):

- AC Content
 - >100%: 50
 - 100%: 43
 - <100%: 16
- Gradation: No. 200 Sieve
 - >100%: 59
 - 100%: 43
 - <100%: 7

Percent Pay (#Lots):

- Gradation: PCS
 - >100%: 57
 - 100%: 0
 - <100%: 6
- Density
 - >100%: 59
 - 100%: 19
 - <100%: 6

2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	12	7	11	11	17	10
% Density Range	89.0-96.3	85.8-94.6	87.4-97.2	88.1-96.3	87.4-96.8	85.0-95.2
% Average Density	93.1	91.0	93.7	91.3	92.7	91.6
Incentive Lots	9	4	10	3	14	8
Zero Lots	3	1	0	5	2	0
Disincentive Lots	0	2	1	3	1	2
Total \$ for Incentive Lots	60,000	18,750	70,724	14,250	67,375	32,000
Total \$ for Disincentive Lots	0	12,750	1,050	6,500	11,000	4,800
Delta (Incentive – Disincentive)	60,000	6,000	69,675	7,750	56,375	27,200

**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?
 - Longitudinal joints appear to be performing very well.
 - Do contractors or staff in your District need any training on how to construct a quality longitudinal pavement joint?
 - Training for new staff, both Department and Contractors

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? 02
 - How many projects in 2026? 04
 - What are your observations?
 - Will continue to use on centerline joint on high volume roads

2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**
 - 91537, Let Date 04/13/23 SR 70, Fulton, 30800 Tons
 - 23478, Let Date 06/13/24 SR 219, Somerset, 18800 Tons
 - 113997, Let Date 08/07/25 SR 22, Cambria, 48300 Tons
 - 108154, Let Date 09/11/25 SR 30, Bedford, 25500 Tons
 - 108219, Let Date 09/11/25 SR 453, Blair, 21800 Tons
 - 96410, Let Date 11/06/25 SR 2007, Blair, 2300 Tons
 - 114001, Let Date 12/04/25 SR 756, Cambria, 11000 Tons
 - 108221, Let Date 12/11/25 SR 36, Blair, 19500 Tons
 - 112021, Let date 12/11/25 SR 866, Blair, 6100 Tons

2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**
 - 108162, Let Date 01/08/26 SR 756, Cambria, 7600 Tons
 - 92732, Let Date 01/15/26 SR 655, Huntingdon, 1500 Tons
 - 112242, Let Date 02/12/26, SR 99, Blair, 38700 Tons
 - 122612, Let Date 02/26/26 SR 219, Somerset, 1300 Tons
 - 123224, Let Date 04/23/26, SR 4009, Bedford, 6100 Tons
 - 116153, Let Date 05/07/26 SR 0000, Bedford, 3200 Tons
 - 123225, Let Date 05/21/26, SR 160, Somerset, 8600 Tons
 - 116801, Let Date 05/21/26 SR 30, Bedford, 49300 Tons
 - 107229, Let Date 06/04/26 SR 53, Cambria, 14000 Tons
 - 113884, Let Date 09/03/26 SR 2047, Somerset, 4500 Tons
 - 117709, Let Date 11/05/26 SR 22, Blair, 13000 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?
 - Cambria County, 56 Expressway into Johnstown
 - Completed in 2025
 - Project was a success, will consider in the future if the conditions are right.
- Do you have any projects programmed for 2026 or 2027 or in future construction seasons? If so, where and what is the ECMS#?
 - Not currently

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 – NA
 - 2027 – NA
 - 2028 - NA

2026 Maintenance Asphalt Tons (Estimated)

No Department Force Paving for 2026

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. ECMS 112242 – I-99 Blair Co.

- List any 2025 or 2026 HiMOD SMA Pilot Projects?
 1. ECMS 23478 – SR 219 Somerset Co.
 1. HiMOD placed in 2025
 2. SMA control strip will be placed in 2026

- Would you spec anymore HiMOD Projects? Why or why not?
 - Will continue to evaluate the pilot projects.



District SMA Projects

- List 2023-2025 how many tons of SMA per year
 - 2023: 28,800 tons
 - 2024: 15,000 tons
 - 2025: 26,600 tons
- List 2026 SMA Projects & Note those with 10% RAP
 1. ECMS 113997 – SR 22 Cambria Co.
 2. ECMS 23478 – SR 219 Somerset Co.
 3. ECMS 108154 – SR 30 Bedford Co.
 4. ECMS 91537 – SR 70 Fulton Co.

District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
 - Wearing - 18% and total tons 208,362
 - Binder - 26% and total tons 129,862
 - Base – 19 % and total tons 50,474
 - Average RAP % of all mixes – 21% and total tons 388,698
- How do we overcome the impediments to increasing RAP% in the mixes?
 - Supply
 - Control the rap at the plant
 - Quality of RAP

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
 - All contracts include - Mixture Acceptance and Density Acceptance special provision

District Issues Pre-Pave Meetings

- Who attends from your district
 - IIC and project staff, Materials rep, ACE
- What are the top 3- 5 topics you make sure to discuss?
 - QC plan and acceptance methods
 - Project special provisions
 - Sampling, tack coat, trucks, paver, rollers
 - Joint construction
 - Traffic and safety discussion

District Issues Pre-Pave Meetings

- What issues are you seeing that should have been covered in the pre-pave meeting?
 - None – We have a thorough 3-page checklist to go over.

2026 District Changes - Direction

- Please list - discuss any District changes to policy, specifications, special provisions, etc. that are relevant to the asphalt paving industry.
 - ✓ No District changes
- Any staff changes since last year?
 - ✓ No staffing changes

Audience Questions/Comments???



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