

PAPA Regional Technical Meeting

March 17, 2026
8:00 AM to 3:00 PM
District 12

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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:

- 52 Lots- Mixture Acceptance by box sample
- 57 Lots – Density Acceptance by pavement core

Failure:

- 0 AC Content failures
- 0 Gradation failures
 - 0 #200 Sieve
 - 0 Primary Control Sieve
- 0 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%: 36
 - 100%: 5
 - <100%: 11
- Gradation: No. 200 Sieve
 - >100%: 37
 - 100%: 5
 - <100%: 10

Percent Pay (#Lots):

- Gradation: PCS
 - >100%: 38
 - 100%: 0
 - <100%: 9
- Density
 - >100%: 50
 - 100%: 5
 - <100%: 2

2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	21	34	43	25	24	12
% Density Range	88.0 – 98.4	87.0 – 99.2	83.2- 98.7	88.8- 98.0	85.1- 98.2	88.4- 97.4
% Average Density	94.6	94.6	93.6	94.3	94.5	93.5
Incentive Lots	20	11	20	19	33	34
Zero Lots (100% payment)	1					
Disincentive Lots	0	224,175	264,375	154,000	147,750	61,868
Total \$ for Incentive Lots	147,000	0	0	0	-15,318	0
Total \$ for Disincentive Lots	0	224,175	264,375	154,000	132,432	61,868
Delta (Incentive – Disincentive)	147,000	224,175	264,375	154,000	147,750	61,868

**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 major issues. TACK application should be paid close attention to
 - Do contractors or staff in your District need any training on how to construct a quality longitudinal pavement joint?
 - A reminder that joints (especially notched wedge) should be completely covered in TACK

Longitudinal Joint VRAM (JBAND)

- **Did you construct any longitudinal joints using J-Band (Void Reduction Asphalt Membrane VRAM) instead of PUB 408 Section 405?**
 - D-12 had one project in 2025. ECMS#116293 – SR70/23M
 - Two projects expected to be let in 2026. ECMS#91553 (SR19/19R) & ECMS#75981 (SR70/32M)
 - We feel it has improved the durability of our long joints.

2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**
 - ECMS#91553, Let Date 4/23/26, SR 79, Greene Co., 60,000 Tons
 - ECMS#116179, Let Date 5/21/26, SR 66, Westmoreland Co., 35,300 Tons
 - ECMS#75981, Let Date 3/26/26, SR 70, Washington Co., 52,500 Tons
 - ECMS#108140, Let Date 10/9/25, SR 981, Westmoreland Co., 2,500 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 Crack & Seat projects bid or planned in D-12

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)?**
 - ECMS#106919, SR 0070, Washington Co., Let Date 1/27/28
 - ECMS#113823, SR 1026, Westmoreland Co., Let Date 4/6/28

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)?**
 - ECMS#108010, SR 0981, Westmoreland Co., Let Date 6/29/28
 - ECMS#32040, SR 0030, Westmoreland Co., Let Date 12/14/28

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
Fayette Co - 1210	300			6,000		3,000	
Greene Co - 1220	500			50		50	
Washington Co - 1240	1,000			5,000		3,000	
Westmoreland Co - 1250	8,000			2,000		2,000	
TOTAL TONS							

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 – None
 - 19.0mm – Minimal at 50% RAP
 - 25.0mm - None

District 6.3 mm & SMA Projects

- **List 2026 6.3 mm Thin Lift projects**
 1. No 6.3 mm Thin Lift projects in D-12 currently

- **List any 2025 or 2026 HiMOD SMA Pilot Projects?**
 1. No HiMOD projects in D-12 currently

District SMA Projects

- **List 2023-2025 how many tons of SMA per year**
 - 2023: 2005 tons (1 project, came from outside the district)
 - 2024: 8129 tons (2 project, came from outside the district)
 - 2025: 6114 tons (2 projects, came from outside the district)

- **List 2026 SMA Projects (None with 10% RAP)**
 - ECMS#91553, Let Date 4/23/26, SR 0079, Greene Co., 60,000 tons

 - ECMS#75981, Let Date 3/26/26, SR 0070, Washington Co., 52,500 tons

District 2025 RAP Mix Percentages

- **Please provide average RAP % for the following mixes:**
 - Wearing - 22% - 277,783 total tons produced
 - Binder - 23% - 202,419 total tons produced
 - Base – 27 % - 66,697 total tons produced
 - Average RAP % of all mixes – 24% - 546,899 total tons produced
- **How do we overcome the impediments to increasing RAP% in the mixes?**
 - Explore bumping up from 0-15% (< than 16) to 0-20% without additional testing.
 - Is it possible WMA additive could be used as a rejuvenator to increase RAP tolerances?
 - Include more of the LVR mixes in contracts when appropriate

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
 - We are using SMA on all interstate projects
 - We are using VRAM more often (1 pilot in 2021, 1 project in 2025, 2 projects in 2026)

District Issues Pre-Pave Meetings

- **Who attends from your district:**
 - Project Manager
 - ACE
 - Materials representative
 - Field Inspectors
 - Contractor
 - Supplier rarely attends unless supplier is the contractor

District Issues Pre-Pave Meetings

- **What are the top 3- 5 topics you make sure to discuss?**
 - Has it been discussed how the various joints will be painted?
 - A Corrective Action Plan will be requested if long joints are not constructed straight and properly.
 - Acceptance criteria. Small quantity/no sampling? Lot sampling and if so are Gmm samples needed?
 - Does the QC Plan clearly outline the steps taken to monitor temp control of the bit. mix?
 - Has the QC Plan been reviewed & approved?

District Issues Pre-Pave Meetings

- **What issues are you seeing that should have been covered in the pre-pave meeting?**
- Changing from to RPS to standard pavements. If RPS pavement is called for we should be confirming road is wide enough and shuttle buggy is actually able to be used.

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 currently
- Any D-12 staff changes since last year?
- Created a Senior Assistant Construction Engineer position (Super ACE) – Dom Caruso, P.E.
- D-12 ACE Scott Faieta, P.E. last day 3.27.26
- D-12 TCM-1 Jeff Corazzi last day 3.27.26
- New Materials Unit Concrete TCIS – Zac McGinnis
- New Materials Unit TCI – Natalie Pirl

Audience Questions/Comments???



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