

# PAPA Regional Technical Meeting

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

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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:**

- 45 Lots- Mixture Acceptance by box sample
- 45 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 (contractor never provided retest samples)
- Retest Results
  - Passed: Result was better than original = 0
  - Result stayed the same = 0
  - Failed: Result was worse than original = 0

# 2025 Asphalt Mix Testing

## Percent Pay (#Lots):

- AC Content
  - >100%: 24
  - 100%: 12
  - <100%: 9
- Gradation: No. 200 Sieve
  - >100%: 26
  - 100%: 12
  - <100%: 7

## Percent Pay (#Lots):

- Gradation: PCS
  - >100%: 27
  - 100%: 0
  - <100%: 6
- Density
  - >100%: 26
  - 100%: 10
  - <100%: 9

# 2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	13	4	17	22	11	14
% Density Range	88.0- 97.5	89.0- 96.3	87.7- 97.2	85.2- 96.3	89.4- 97.8	88.5- 95.7
% Average Density	92.7	93.8	92.3	91.8	92.6	93.6
Incentive Lots	8	2	12	16	10	13
Zero Lots	4	2	3	2	1	1
Disincentive Lots	1	0	2	4	0	0
Total \$ for Incentive Lots	49,800	13,500	43,825	91,975	27,900	69,000
Total \$ for Disincentive Lots	-10,000	0	0	0	0	0
Delta (Incentive – Disincentive)	39,800	13,500	43,825	91,975	27,900	69,000

**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

## 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? **1**
  - How many projects in 2026? **3**
  - What are your observations?
    - **Layout is critical**
    - **Cure time needs to be followed**

# 2026 Planned Construction Projects

- List Projects With > 1000 tons of Asphalt Paving

COUNTY	PROJECT ID	SR SE	SEGMENTS/OFFSET	LENGT	Tons
Bradford	117191	14-128	0420/0000 TO 0540/0000	5.18	12,308
Bradford	115243	220-240	0080/0000 to 0120/0350	1.24	2,946
Bradford	115979	220-244	0280/0000 TO 0290/1914	0.58	1,470
Bradford	98975	187-071	0640/1000 TO 0660/0000	0.70	1,663
Bradford	120683	6-203	0580/0000 TO 0610/0240	0.68	2,154
Columbia	97561	80-131	2325/2149 to 2355/2678	6.73	153,035
Lycoming	114099	405-101	0010/0000 TO 0040/1450	1.76	4,461
Lycoming	115356	15-228	1591/1605 TO 1771/0250	7.72	23,234
Lycoming	114090	654-030	0210/1774 TO 0260/2219	2.44	5,797
Lycoming	118098	2012-014	0010/0370 TO 0030/1100	0.69	1,749
Montour	115544	11-154	0050/0000 TO 0080/1225	1.05	3,825
Northumberland	99391	61-124	0080/0527 TO 0120/0532	4.10	9,742
Northumberland	110224	61-131	0050/0000 TO 0080/0527	2.30	6,376
Northumberland	116005	2026-006	0010/0000 TO 0010/1000	0.36	1,255
Northumberland	115584	405-109	0002/0000 to 0022/1931	2.25	6,237
Snyder	109837	104-027	0360/2600 TO 0380/1218	0.86	2,043
Sullivan	99422	42-095	0060/0000 to 0080/2628	1.56	3,954
Tioga	117170	15-247	0132/1300 TO 0212/1100	6.71	20,194
Tioga	117241	49-080	0620/0000 TO 0660/0140	1.88	7,296
Union	113612	80-186	1991/1337 TO 2071/0412	7.53	22,662
					<b>292,401</b>

# 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
    - Columbia County, SR 80 2325/2149 to 2355/2678, ECMS No. 97736
  - 2027
    - Northumberland County, SR 1024, 0008/0000 to 0100/2428, ECMS No. 102810
    - Northumberland County, Marsh Rd ARC, ECMS No. 115607
  - 2028 - N/A

# 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
3-1	5,630				9,037		
3-2	2,314				16,540		
3-3	7,103				2,805		
3-4	10,416				5,506		
3-5	6,300				0		
3-6	0				10,184		
3-7	3,334				11,475		
3-8	7,775				6,000		
3-9	0				4,697		
TOTAL TONS	42,872				66,244		

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 – **25%**
  - 19.0mm – **30%**
  - 25.0mm – **30%**

## District 6.3 mm & SMA Projects

- List 2026 6.3 mm Thin Lift projects
  1. **N/A**
  
- List any 2025 or 2026 HiMOD SMA Pilot Projects?
  1. **N/A**
  
- Would you spec anymore HiMOD Projects? Why or why not?
  - **No comment**

## District SMA Projects

- List 2023-2025 how many tons of SMA per year
  - 2023: **27,619.73 tons**
  - 2024: **7,264.36 tons**
  - 2025: **11,086.97 tons**
  
- List 2026 SMA Projects & Note those with 10% RAP
  - **SR 80-131, Columbia County**
  - **SR 15-228, Lycoming County**
  - **SR 80-186, Union County**

## District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
  - Wearing - **19%** and total tons **234,373**
  - Binder - **22%** and total tons **131,706**
  - Base – **21 %** and total tons **53,781**
  - Average RAP % of all mixes – **20%** and total tons **419,860 tons**
- How do we overcome the impediments to increasing RAP% in the mixes?
  - **No comment**

## District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
  - Composite Pavement and LLAP on 76403 CSVT Southern Section Paving
  - District 3-0 acceptance matrix

## District Issues Pre-Pave Meetings

- Who attends from your district
  - ACE, PM, IIC, Inspector, DMM/ ADMM, QA Rep, Producer Rep, Contractor Foreman, Superintendent
- What are the top 3- 5 topics you make sure to discuss?
  - **Project safety**
  - **Review required project submissions**
  - **Review ride spec, joint incentive specs**
  - **Material acceptance**
  - **Lot sizes**

## District Issues Pre-Pave Meetings

- What issues are you seeing that should have been covered in the pre-pave meeting?
  - **None. Our staff covers adequately.**

## 2026 District Changes - Direction

- Please list - discuss any District changes to policy, specifications, special provisions, etc. that are relevant to the asphalt paving industry.

✓N/A

- Any staff changes since last year?

✓N/A

# Audience Questions/Comments???



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