

# PAPA Regional Technical Meeting

March 17, 18 & 19, 2026

8:00 AM to 3:00 PM

District 8

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TCM3

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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:

- 111 Lots- Mixture Acceptance by box sample
- 93 Lots – Density Acceptance by pavement core

## Failure:

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

## Retests Requested:

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

# 2025 Asphalt Mix Testing

## Percent Pay (#Lots):

- AC Content
  - >100%: 85
  - 100%: 8
  - <100%: 18
- Gradation: No. 200 Sieve
  - >100%: 75
  - 100%: 9
  - <100%: 27

## Percent Pay (#Lots):

- Gradation: PCS
  - >100%: 85
  - 100%: 0
  - <100%: 27
- Density
  - >100%: 75
  - 100%: 2
  - <100%: 16

# 2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	6	16	69	30	77	74
% Density Range	90.7-97.5	86.4-97.1	86.6-97.3	87.0-97.0	86.5-99.2	87.1-99.5
% Average Density	94.0	92.8	92.9	92.5	93.0	92.6
Incentive Lots	6	10				
Zero Lots	0	3				
Disincentive Lots	0	3				
Total \$ for Incentive Lots	33,675	61,350	233,652	173,537	241,163	248,120
Total \$ for Disincentive Lots	0	-14,750	0	-7,599	0	0
Delta (Incentive - Disincentive)	33,675	46,600	233,652	166,037	241,163	248,120

**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?
    - Feel like the District and Contractors are doing an exceptional job.
  - Do contractors or staff in your District need any training on how to construct a quality longitudinal pavement joint?
    - No- As above. There was a point of emphasis on joint compaction and sealing of the joint several years ago.

## Longitudinal Joint VRAM (JBAND)

- Did you construct any longitudinal joints using J-Band (**V**oid **R**eduction **A**sphalt **M**embrane **VRAM**) instead of PUB 408 Section 405?
  - How many projects in 2025? **4**
  - How many projects in 2026? **2**
  - What are your observations? It has been holding up well.

# ▶ 2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving**

County	ECMS	Route	Section	Title	Let Estimate
Adams	122312	0015	061	US 15 Paving	1/8/2026
Dauphin	121399	3010	018	SR 3010 (Paxton Street) Resurfacing	1/15/2026
Dauphin	113384	3010	014	Sycamore/Paxton Intersection Imp	1/15/2026
Franklin	93055	0081	075	I-81 New Interchange (Exit 12)	1/29/2026
York	113329	0116	056	Hanover Road Resurface	1/29/2026
York	114208	0124	016	E Prospect Rd Improvement	1/29/2026
York	118068	0024	040	Mt Zion Rd 2	2/26/2026
Lancaster	112969	0030	148	Lincoln HWY Resurf	3/26/2026
Franklin	113332	0075	015	Path Valley Road Resurface	3/26/2026
Cumberland	113265	0074	083	High St Resurf	5/7/2026
Dauphin	74521	3022	005	Maclay Street Bridge	5/7/2026
Lebanon	121394	0072	071	Ebenezer Rd Resurfacing	5/21/2026
Lancaster	122990	0441	040	River Road Resurfacing 1	5/21/2026
Perry	122258	0034	075	PA 34 Spring Rd Resurface	5/21/2026
Adams	113228	0234	026	PA 234 York St Resurface	5/21/2026
Lancaster	123064	0322	069	US 322 Resurfacing 1	6/4/2026
Lancaster	123065	0322	070	US 322 Resurfacing 2	6/4/2026
Cumberland	96224	0641	033	Carlisle Road Resurface	6/4/2026
Cumberland	96229	0533	007	Shippensburg Rd Resurface	6/4/2026
Perry	122522	0034	076	PA 34 Resurfacing Perry Co	6/4/2026

# 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?

We do not

- Do you have any projects programmed for 2026 or 2027 or in future construction seasons?

We do not

# 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

- **5/21/2026 – ECMS 93055 – SR 0081-075** – I-81 New Interchange Exit 12 – Franklin County Segments 0460/0461 Offset 2173/1906 to Segments 0464/0465 Offset 0994/1077
- **6/4/2026 – ECMS 112550 – SR 0083-091** – North York Widening #2 – York County Segments 0194/0195 Offset 1330/1330 to Segments 0204/0205 Offset 2784/2838
- **6/4/2026 – ECMS 113754 – SR 0083-094** – I-83 South Bridge Replacement – Cumberland and Dauphin Counties Segments 0410/0411 Offset 1371/2576 to Segments 0420/0421 Offset 3324/3324

## 2027

- **6/24/2027 – ECMS 58137 – SR 0116-059** – Eisenhower Drive Extension – Adams County New alignment
- **7/29/2027 – ECMS 97153 – SR 3017-032** – Lingle Avenue Reconstruction – Lebanon County Segment 0010/0000 to Segment 0040/1170
- **12/9/2027 – ECMS 92931 – SR 0083-078** – Eisenhower Interchange – Dauphin County Segments 0444/0675 to Segment 0450/1520

## 2028

- **1/1/2028 – ECMS 117799 – SR 0081-095** – I-81 Auxillary Lanes Carlisle – Cumberland County Segments 0460/0461 Offset /2173/1906 to Segments 0464/0465 Offset 0994/1077
- **1/27/2028 – ECMS 109618 – SR 0222-071** – US 222 Reconstruction – Lancaster County Segments 0760/0761 Offset 0000/0000 to Segments 0800/0801 Offset 2500/2070
- **3/2/2028 – ECMS 92924 – SR 0083-070** – North York Widening #3 – York County Segments 0204/0205 Offset 2396/2396 to Segments 0224/0225 Offset 1360/1360

# 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
Adams	300	700				500	4000
Cumberland	2000					1000	
Franklin		770	2395		3560		380
York	4800	1500	1600		27250		1000
Dauphin	450		3200				5500
Lancaster	6700	1200	3500			2160	160
Lebanon	850	20		6010		450	65
Perry		3662	4754		13753		1380
TOTAL TONS	15200	7852	14960	6010	44563	4610	12485

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

ECMS # 113276 22-093

- List any 2025 or 2026 HiMOD SMA Pilot Projects?
- Would you spec anymore HiMOD Projects? Why or why not? Would be open to it

## District SMA Projects

- List 2023-2025 how many tons of SMA per year
  - 2023: 0
  - 2024: 0
  - 2025: 12,748.48 Tons
  
- List 2026 SMA Projects & Note those with 10% RAP
  - ECMS# 92006 81-099
  - ECMS# 97828 83-079

## District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
  - Wearing - 16% and total tons 331,619
  - Binder - 18% and total tons 185,122
  - Base – 16% and total tons 91,291
  - Average RAP % of all mixes – 21.67% and total tons 541049
- How do we overcome the impediments to increasing RAP% in the mixes?
- The is technology out there that is re-using energy to help not only save energy and the carbon footprint but also is helping heat high RAP mixes in Europe.

## District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
  - Sharing pre-pave minutes with Plant Inspectors and **Producer's Tech**
  - Online Plant Diary-**Can only be edited by Material's Unit** personnel, viewed by QA

## District Issues Pre-Pave Meetings

- Who attends from your district- Either Material Manager attends
- What are the top 3- 5 topics you make sure to discuss?
  - QC Plan approved and SOS
  - Plant, Material, tonnage and testing criteria
  - Joint/Ride Spec, MTV
  - Tack how it is applied, coverage, calibrated
  - Paving Specifics, slope, supers, offset lifts, signage, paint patterns, open to traffic, etc.

## District Issues Pre-Pave Meetings

- What issues are you seeing that should have been covered in the pre-pave meeting?
- The Producer's QC rep attendance
-

## 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.
  - ✓ Brian Shannon retired
  - ✓ Chris Yonish new TCM3

# Audience Questions/Comments???



Presenter Name  
Title  
Phone Number  
Email