

# PAPA Regional Technical Meeting

March 17, 2026  
8:00 AM to 3:00 PM  
District 10

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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:**

- 98 Lots - Mixture Acceptance by box sample
- 79 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%: #77
  - 100%: #10
  - <100%: #11
- Gradation: No. 200 Sieve
  - >100%: #77
  - 100%: #12
  - <100%: #9

## Percent Pay (#Lots):

- Gradation: PCS
  - >100%: #76
  - 100%: #0
  - <100%: #10
- Density
  - >100%: #70
  - 100%: #7
  - <100%: #2

# 2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	25	20	18	28	32	12
% Density Range	88.1- 96.6	87.9- 97.4	89.1- 97.7	85.8- 96.9	88.0- 97.7	88.6- 97.6
% Average Density	93.1	94	94.1	93.5	94.2	93.2
Incentive Lots	19	18	15	26	27	10
Zero Lots	4	1	3	0	3	2
Disincentive Lots	2	1	0	0	2	0
Total \$ for Incentive Lots	137,625	136,500	79,750	198,975	175,050	82,000
Total \$ for Disincentive Lots	-5,750	-1,000	0	0	-21,000	0
Delta (Incentive – Disincentive)	131,875	135,000	79,750	198,975	154,050	82,000

**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 issue.
  - 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 **VRAM**) instead of PUB 408 Section 405?

No (Not currently planned to use)

- 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 #	Let/Estimate	Route	County	Ton Asphalt
• 105104	1/29/26	422	Butler	23,000
• 105900	3/26/26	28	Butler	43,875
• 117687	3/26/26	28	Armstrong	16,289
• 114858	4/9/26	322	Clarion	12,812
• 110093	8/13/26	322	Clarion	6,620
• 114423	8/27/26	286	Indiana	1,016
• 84828	8/27/26	322	Jefferson	1,489
• 99659	9/3/26	322	Clarion	21,605
• 121952	10/1/26	I-80	Jefferson	3,963

# 2026 Planned Construction Projects

- **List Projects With > 1000 tons of Asphalt Paving (SIP)**

• ECMS #	Let/Estimate	Route	County	Ton Asphalt
• 99562	2/26/26	68, 228	Butler	21,801
• 114588	3/12/26	217,2003, 286	Indiana	43,875
• 122503	4/9/26	950	Jefferson	16,397
• 99973	4/23/26	85, 1028	Armstrong	16,258
		85, 954	Indiana	19,520
• 115088	5/21/26	8,68,228,356	Butler	5,000

# 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?

None completed within recent years.

- 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 – ECMS #105900 with widening and structural overlay on SR 28 in Butler Co. From Seg 340/0561 to Seg 410/3917. Let Date 3/26/26.
- 2027 – None
- 2028 - ECMS #117248 with realignments on SR 119 Sect 45A in Indiana Co. From Seg 480/1985 to 500/2555. Let Date 5/25/28.

# 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
10-1 Armstrong		48,025			14,290		
10-2 Butler		7,000			15,000		
10-3 Clarion		7,500			2,200		
10-4 Indiana		560			24,190		
10-5 Jefferson		500			21,775		475
TOTAL TONS		63,585			77,455		475

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 – 40%
  - 25.0mm – 25%

## District 6.3 mm & SMA Projects

- List 2026 6.3 mm Thin Lift projects
  1. SIP Project #99562 (Let Date 3/12/26) 2,620 ton on SR 68 in Butler Co.
- List any 2025 or 2026 HiMOD SMA Pilot Projects?

Not currently planned.
- Would you spec anymore HiMOD Projects? Why or why not?

N/A

## District SMA Projects

- List 2023-2025 how many tons of SMA per year
  - 2023: 7,805
  - 2024: 0
  - 2025: 109,900
- List 2026 SMA Projects & Note those with 10% RAP
  1. No SMA project in 2026.

## District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
  - Wearing - 19% and total tons 111,034
  - Binder - 33% and total tons 15,308
  - Base – 24% and total tons 19,847
  - Average RAP % of all mixes –21% and total tons 146,189
- How do we overcome the impediments to increasing RAP% in the mixes?
  - D10 pavement engineer is not in favor of increasing RAP (High volume and SMA)
  - Require more time for additional testing and controlling stockpile

## District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
  - Communication.
  - Diamond-shaped paver screed.
  - Paint edge/center lines prior to pave.

## District Issues Pre-Pave Meetings

- Who attends from your district
  - IIC/Inspection staff
  - ACE
  - DME/ADMM
- What are the top 3- 5 topics you make sure to discuss?
  - Temperature check (hole on the side of truck)
  - If paved on milled surface or old surface – discuss about cleanliness and proper application of tacking.
  - The location of finish (longitudinal) joints
  - Proper shoulder breaks/slopes
  - Asphalt Acceptance Criteria

## 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 for this year.

- Any staff changes since last year?

No

# Audience Questions/Comments???



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