

# PAPA Regional Technical Meeting

March 17, 2026  
8:00 AM to 3:00 PM  
District 11

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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:**

- 86 Lots- Mixture Acceptance by box sample
- 66 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%: 60
  - 100%: 17
  - <100%: 9
- Gradation: No. 200 Sieve
  - >100%: 67
  - 100%: 17
  - <100%: 2

## Percent Pay (#Lots):

- Gradation: PCS
  - >100%: 57
  - 100%: 0
  - <100%: 11
- Density
  - >100%: 51
  - 100%: 14
  - <100%: 1

# 2025 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2025	2024	2023	2022	2021	2020
Lots Tested	6	22	8	10	21	22
% Density Range	90.3-97.0	92.2-98.3	92.2-97.2	87.7-97.7	88.9-97.3	92.2-98.3
% Average Density	93.7	94.6	94.6	94.1	93.9	94.6
Incentive Lots	6					
Zero Lots	0					
Disincentive Lots	0					
Total \$ for Incentive Lots	39,600	55,500	51,000	29,500	81,500	55,500
Total \$ for Disincentive Lots	0	0	0	-3000	0	0
Delta (Incentive – Disincentive)	39,600	55,500	51,000	26,500	81,500	55,500

**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?
    - Minor issues that are believed to be related to poor construction practices on some of our smaller projects.
  - Do contractors or staff in your District need any training on how to construct a quality longitudinal pavement joint?
    - Proactive training can always be beneficial.

## 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? *None*
  - How many projects in 2026? *None*
  - What are your observations? *N/A*

# 2026 Planned Construction Projects

## List Projects With > 1,000 tons of Asphalt Paving

### BAPTIST ROAD

SR 3009

Let Date 03/12/2026

Allegheny County

ECMS 81780

**9,500 Tons**

### MIDLAND BEAVER ROAD

SR 0068

Let Date 10/01/2026

Beaver County

ECMS 109356

**46,260 Tons**

### BENJAMIN FRANKLIN HWY

SR 0422

Let Date 06/18/2026

Lawrence County

ECMS 116560

**46,624 Tons**





# 2026 Planned Construction Projects

## List Projects With > 1000 tons of Asphalt Paving

### SALTSBURG ROAD

Allegheny County

SR 400

Group 111-26-7135-4

ECMS 91788

Let Date 05/21/26

**8,803 Tons**

### MARKET, ELMWOOD

Beaver County

SR 0551, SR 0168

Group 112-26-7135-1

ECMS 108638

Let Date 01/15/26

**23,266 Tons**

### ENON ROAD, VINE STREET

Lawrence County

SR 0551, SR 0351

Group 114-26-7135-1

ECMS 108639

Let Date 01/15/2026

**12,038 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?

- If so, please briefly discuss project and any take-aways? [None in last two years.](#)

Do you have any projects programmed for 2026 or 2027 or in future construction seasons? If so, where and what is the ECMS#?

[Yes, a Rubblization or Concrete Overlay project potentially anticipated in 2028 or beyond.](#)

[ECMS 81933, SR 0079 between SR 0279 and just after SR 0910 interchange.](#)

## 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 – [refer to slides 8, 9, 10](#)
  - 2027 & 2028 - [see upcoming slides](#)

# District Reconstruction/Construction Projects

## 2027 Planned Projects – Allegheny County

### State Street/Duquesne Blvd

Segment 0120/0000 TO 0250/2884

ECMS 115085

SR 0837 A54

Anticipated LET 01/28/2027

### Walnut Avenue

Segment 0010/0000 TO 0020/1136

ECMS 115085

SR 0885

Anticipated LET 01/28/2027

### Streets Run Road

Segment 0010/0000 TO 0140/1522

ECMS 115070

SR 2046 A17

Anticipated LET 01/14/2027



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# District Reconstruction/Construction Projects

## 2027 Planned Projects – Allegheny County

### Bigelow Blvd

Segment 0004/0000 TO 0020/2061

Segment 0005/0000 TO 0021/2001

ECMS 109383

SR 400 A49

Anticipated LET **01/14/2027**

### Webster Avenue

Segment 0010/0000 TO 0010/265

ECMS 109383

SR 2146

Anticipated LET **01/14/2027**

### West Liberty Avenue

Segment 0030/0000 TO 0080/0310

Segment 0031/0000 TO 0081/0330

ECMS 94645

SR 3069 A25

Anticipated LET **10/2027**



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# District Reconstruction/Construction Projects

## 2027 Planned Projects – Allegheny County

### Mossie Blvd

Segment 0330/0000 TO 0380/0248

Segment 0331/0000 TO 0381/0248

ECMS 100782

SR 0048 A44

Anticipated LET **03/25/2027**

### Forth Avenue/Fifth Avenue

Segment 0670/0000 TO 0720/0720

Segment 0671/0000 TO 0691/0358

ECMS 108640

SR 0051

Anticipated LET **02/25/2027**

### Broadway Street/Tunnel Way

Segment 0010/0000 TO 0040/1923

ECMS 108640

SR 3092

Anticipated LET **02/25/2027**



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# District Reconstruction/Construction Projects

## 2027 Planned Projects – Allegheny County

### Perry Highway

Segment 0460/0690 TO 0500/1891

Segment 0460/0690 TO 0501/1891

ECMS 108642

SR 0019

Anticipated LET **04/08/2027**

### Ingomar Road

Segment 0010/0000 TO 0080/2175

ECMS 108640

SR 4070

Anticipated LET **04/08/2027**



# District Reconstruction/Construction Projects

## 2027 Planned Projects – Beaver County

### 7<sup>th</sup> Ave, College Ave, Big Beaver Blvd

Segment 0640/0000 TO 0680/0485

Segment 0641/0000 TO 0680/0485

Segment 0700/1835 TO 0760/0561

ECMS 116315

SR 0018 B70

Anticipated LET **06/15/2027**

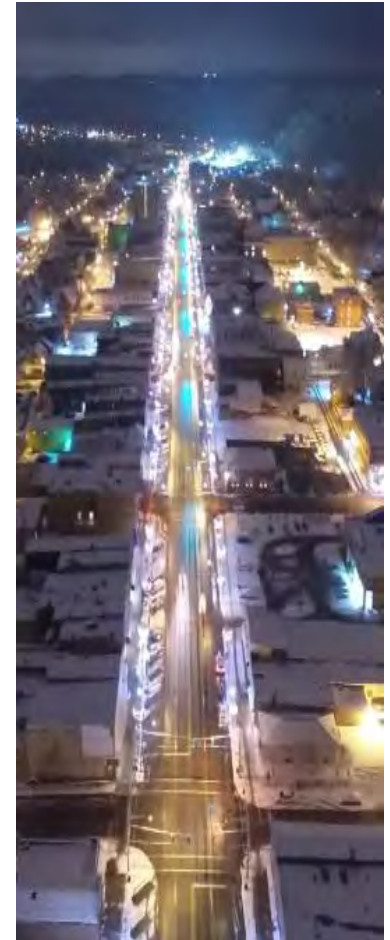
### 24<sup>th</sup> Street

Segment 0060/0000 TO 0060/1746

ECMS 116315

SR 588 B26

Anticipated LET **06/15/2027**



# District Reconstruction/Construction Projects

## 2027 Planned Projects – Lawrence County

### Wilmington Road

Segment 0470/0000 TO 0550/2646

ECMS 100917

SR 0018 L36

Anticipated LET **03/18/2027**



# District Reconstruction/Construction Projects

## 2028 Planned Projects – Allegheny County

### Ohio River Blvd

Segment 0030/1371 TO 0110/2919

Segment 0031/1373 TO 0111/2927

ECMS 79448

SR 0065 A61

Anticipated LET **03/09/2028**

### Hayden Blvd

Segment 0010/0000 TO 0100/1695

Segment 0011/0000 TO 0101/1756

ECMS 105450

SR 0051 20A

Anticipated LET **03/15/2028**

### Banksville Road

Segment 0150/0000 TO 0210/1861

Segment 0151/0000 TO 0211/1211

ECMS 119343

SR 19 A87

Anticipated LET **05/18/2028**

# District Reconstruction/Construction Projects

## 2028 Planned Projects – Allegheny and Beaver Co.

### East Ohio Street

Segment 0010/0000 TO 0080/1887

Segment 0011/0000 TO 0081/1838

ECMS 100773

SR 0028 A65

Anticipated LET **02/17/2028**

### I-79 A73

Segment 0710/2333 TO 0770/2405

Segment 0711/2333 TO 0771/2490

ECMS 81933

From SR 0279 TO Butler County Line

Anticipated LET **04/13/2028**

### I-376 B17

Segment 0420/0296 TO 0470/1700

Segment 0421/0235 TO 0471/1700

ECMS 109296

From Center Twp TO Hopewell

Anticipated LET **06/15/2028**



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# 2026 Maintenance Asphalt Tons (Estimated)

County	9.5 mm	9.5 mm LVR	19.0 mm	19.0 mm LVR	25.0 mm	25.0 Mm LVR		
Allegheny	5,800		3,000		1,000			
Beaver	400	200	8,000	14,060				
Lawrence	400			13,000				
<b>TOTAL TONS</b>	6,600	200	11,000	27,060	1,000			

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 – 35%
  - 19.0mm - 45%
  - 25.0mm – 40% WR25BCM

## 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. ECMS 74454 SR 376 A79 – completed 2025.
- Would you spec anymore HiMOD Projects? Why or why not?
  - Would consider but would need to be cost effective.

## District SMA Projects

- List 2023-2025 how many tons of SMA per year
  - 2023: 43,364.27
  - 2024: 51,475.65
  - 2025: 28,159.25
- List 2026 SMA Projects & Note those with 10% RAP  
No Stone Matrix w/RAP Projects Anticipated in 2026.

## District 2025 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
  - Wearing - 17% and total tons 165,041.39
  - Binder - 27% and total tons 178,676.38
  - Base – 24 % and total tons 109,850.76
  - Average RAP % of all mixes – 22.8% and total tons 453,568.53
- How do we overcome the impediments to increasing RAP% in the mixes?
  - Specs for use on High Volume Roads
  - For wearing courses, it would require tracking RAP SRL's

## District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
  - Stone Matrix Asphalt Wearing Course on a prepared surface using Highly Polymer Modified Asphalt (HiMA) Binder. Used on ECMS 74454 SR 376 A79.

*\* ECMS 74454 was the 2025 PAPA Asphalt Pavement Quality Award and NAPA Diamond Quality Award (Northeast paving).*

## District Issues Pre-Pave Meetings

- Who attends from your district
  - Our two D11 Material Managers
    - Ed Brown, Allegheny Co. and Ryan Johnson, Beaver & Lawrence Co.
- What are the top 3- 5 topics you make sure to discuss?
  - SOS approvals for all JMFs
  - SMA and RPS paving items
  - HOLA (Documentation and handling)
  - GMM sampling
  - Acceptance methods

## District Issues Pre-Pave Meetings

- What issues are you seeing that should have been covered in the pre-pave meeting?
- Flushing issues in 2025
  - Could be related to mix delivery, But this is typically discussed in the Pre-placement meetings, as outlined in PART III of the CS-413.

## 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?
  - ✓ Dennis Brown TCI will be retiring on 3/27
  - ✓ Two TCI vacancies: The postings are currently live and will close on 3/22 @ 11:59pm.

# Audience Questions/Comments???



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