

PAPA Regional Technical Meeting

March 14, 2023
8:00 AM to 3:00 PM
District 10

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2022 Asphalt Mix Testing

Testing:

- 117 Lots - Mixture Acceptance by box sample
- 95 Lots – Density Acceptance by pavement core

Failure:

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

Retests Requested:

- 1 Requested
- Retest Results:
 - 1 passed
 - 0 failed

2022 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2022	2021	2020	2019	2018	2017
Lots Tested	28	32	12	39	38	28
% Density Range	85.8-96.9	88.0-97.7	88.6-97.6	84.1-97.6	88.8-97.1	85.7-96.8
% Average Density	93.5	94.2	93.2	92.8	93.0	93.2
Total \$ for Incentive Lots	198,975	175,050	82,000	150,900	177,500	123,750
Total \$ for Disincentive Lots	0	-21,000	0	0	0	0
Delta (Incentive – Disincentive)	198,975	154,050	82,000	150,900	177,500	123,750





2022 Longitudinal Joint Density Performance

- Longitudinal Joint Type
 - Which joint type is being utilized most?
 - Vertical - *Mainly on low volume, narrow routes*
 - Tapered – *Mainly on high volume, wide routes*
 - Are you having any longitudinal joint issues?
 - *No issue*
 - Did you or are you planning to pilot J-Band (Void Reduction Asphalt Membrane VRAM)? If you piloted, what are your observations?
 - *Not currently planned*

2023 Planned Construction Projects

- List Projects With > 1000 tons of Asphalt Paving

ECMS #	Let/Estimate	Route	County	Ton Asphalt
113645	12/15/2022	422	Armstrong	64,093
25528	1/12/2023	422	Indiana	3,220
106568	1/12/2023	68	Butler	34,056
100122	1/26/2023	4005	Indiana	26,556
105300	1/26/2023	4005	Indiana	1,781
112971	2/2/2023	119	Jefferson	12,900
114087	2/2/2023	119	Jefferson	15,300
99527	2/16/2023	228	Butler	21,040
110783	4/13/2023	3021	Butler	28,890
114188	8/24/2023	422	Butler	27,000

2023 Planned Construction Projects

- List Projects With > 1000 tons of Asphalt Paving (CONT'D)

ECMS #	Let/Estimate	Route	County	Ton Asphalt
114522	3/2/2023	208	Clarion	9,858
117833	3/30/2023	Various	Armstrong	11,315
118072	3/30/2023	4032	Indiana	5,130
110321	4/13/2023	8	Butler	3,722



2023 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							
10-2							
10-3							
10-4							
10-5							
TOTAL TONS							

LVR = Low Volume Roads

District eTicketing Status

- Please discuss your experience with Asphalt eTicketing Projects.
 - **Pluses** - We like the technology. Help save time from collecting/tracking tickets for payment. Safer.
 - **Minuses** – Still use paper tickets to verify the eTicket is correct.
 - **Recommendations** – Training/communication
- Are contractors in your District ready to implement in 2024? Most of them are.
One contractor is still having a minor issue with eTicketing.

District 6.3 & SMA Projects

- List of 2023 6.3 mm Thin Lift projects
 - No project planned for 2023

- List of 2023 SMA Projects
 - US 422 A-15 Concrete Preservation (#113645)

District RAP Mix Percentages

- Please provide average RAP % for the following mixes:
 - Wearing - 15% and total tons of 107,770
 - Binder - 25% and total tons of 48,910
 - Base – 25% and total tons of 11,260
 - Over RAP % of all mixes: 19 % and total tons of 163,940
- What are the impediments to increasing RAP% in the mixes?
 - Material supply
 - More testing requirement
 - Higher level of Quality Control

District BMD HWTT/IDEAL-CT Implementation

- Please discuss District opinion of owner – contractor readiness to implement BMD in 2026.
 - Both Lindy and Commercial are ready.
 - IA and HRI are still in process of getting their own machine.
- Please discuss any issues, problems, opportunities, successes, etc. you would care to share?
 - None at this point.

Mix Design

- Have you had any issues with reducing the mix design gyration numbers to 50 & 75?
 - No issue. New gyration change was discussed at all pre-pave meeting.
- Would you be in favor of reducing nDesign gyrations to one level? Yes, no or no opinion?
 - No opinion.

District 9.5 mm & 19.0 mm High RAP Mixes for LVR Mixes

- Have your maintenance forces completed a 19.0 mm or 9.5 mm for Low Volume Roads mix project yet?
 - Yes. In 2022, 7500 tons of asphalt was used in Jefferson Co. Some were for patching, and some were for full width paving. No issue with 9.5mm and 19.0mm to date.

District Rehabilitation Projects

- Have you bid and/or completed any crack and seat projects/rubblization/asphalt structural overlay in the past few years?
 - None completed within recent years.
- Do you have any projects programmed for 2023 or 2024? No

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.

Our best practice are:

- COMMUNICATION, COMMUNICATION, COMMUNICATION
 - Focus on the Pre-Pave meetings
 - Breakdown the asphalt sampling per phase

2022 District Issues - Problems

- Please discuss any issues, problems, etc. that you had with asphalt paving producers or contractors. How did you resolve them?
 - No issues that could not be solved with communication.

2023 District Changes - Direction

- Please list - discuss any District changes to policy, specifications, special provisions, staff, etc. that are relevant to the asphalt paving industry.
 - New staff in Materials Unit. Marc Gardner got promoted to a DME position. Doug Surkala transferred from construction to the Materials Unit as the Assistance Materials Manager. Marc's previous position is opened and will be filled in a few months.

Questions/Comments???



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