

# PAPA Regional Technical Meeting

March 15, 2022  
8:00 AM to 3:00 PM  
District 10

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# 2021 Asphalt Mix Testing

## Testing:

- 100 Lots – Mixture Acceptance by box sample
- 65 Lots – Density Acceptance by pavement core

## Failure:

- 0 – AC failures
- 0 – Gradation failures
- 0 – Density failures

# 2021 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary					
Year	2021	2020	2019	2018	2017	2016
Lots Tested	32	12	39	38	28	14
% Density Range	88.0-97.7	88.6-97.6	84.1-97.6	88.8-97.1	85.7-96.8	87.0-97.6
% Average Density	94.2	93.2	92.8	93.0	93.2	92.3
Total \$ for Incentive Lots	175,050	82,000	150,900	177,500	123,750	49,700
Total \$ for Disincentive Lots	-21,000	0	0	0	0	0
Delta (Incentive - Disincentive)	154,050	82,000	150,900	177,500	123,750	49,700



# 2021 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?
    - Non currently
  - 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

# 2022 Planned Construction Projects

- List Projects With > 1000 tons of Asphalt Paving

ECMS #	Let / Estimate	Route	County	Tons Asphalt
69141	10/7/21	28	Armstrong	27,105
78101	12/16/21	422	Indiana	6,019
109624	12/16/21	28	Armstrong	73,077
114510	12/16/21	338	Clarion	15,400
114497	12/16/21	208	Clarion	11,900
106459	1/13/22	949	Jefferson	1,458
106224	2/17/22	80	Jefferson	66,763
98730	2/17/22	488	Butler	4,115
99607	2/17/22	36	Jefferson	31,000
100175	2/17/22	66	Clarion	16,492
115844	3/3/22	8	Butler	30,400
100029	3/3/22	173	Butler	27,000
113620	3/17/22	2012	Armstrong	2,426

# 2022 Planned Construction Projects

- List Projects With > 1000 tons of Asphalt Paving

ECMS #	Let Estimate	Route	County	Tons Asphalt
114495	3/31/22	157	Clarion	8,100
114627	3/31/22	3019	Butler	5,800
100112	4/14/22	403	Indiana	19,400
116020	4/14/22	Various	Armstrong	13,000
91374	4/14/22	259	Indiana	19,600
114572	4/14/22	4422	Indiana	10,000
109693	4/14/22	3025	Indiana	1,500
91773	4/28/22	156	Armstrong	16,500
113180	4/28/22	68	Butler	27,500
115843	4/28/22	66	Armstrong	16,000
116387	4/28/22	56	Armstrong	8,200
24056	6/9/22	28	Armstrong	3,500
113645	7/14/22	422	Armstrong	71,000

# 2022 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	37.5 mm
10-1	570			570		1465		
10-2	1500					3000		
10-3								
10-4								
10-5	7500			8850				
TOTAL TONS	9570			9420		4465		

LVR = Low Volume Roads



# District eTicketing Pilots

- Please discuss your experience with Asphalt eTicketing Projects.
  - Very limited use in 2021
  - Recommendations – increased communication between the producer and project staff
  - 15 pilots planned for 2022
    - 5 Aggregate
    - 5 Asphalt
    - 5 Concrete



# District 6.3 & SMA Projects

- List of 2021 6.3 mm Thin Lift projects
  - None planned
- List of SMA Projects

ECMS #	Let / Estimate	Route	County
109624	12/16/21	28	Armstrong
106224	2/17/22	80	Jefferson
113645	7/14/22	422	Armstrong

# District HWTT/IDEAL-CT Pilots

- Please list pilot HWTT/IDEAL-CT Pilot Projects

ECMS #	Let	Route	County
109649	9/30/2021	954	Indiana
25752	10/21/2021	4422	Indiana
86017	10/21/2021	2063	Armstrong

- Any observations you would care to share?
  - No issues in 2021

# Mix Design

- Do you see any issues with reducing the mix design gyration numbers to 50 & 75?
  - If yes, please explain. – carry over projects????
  - Carry over projects will use the old gyration unless the producer requests to change to the new gyration level.
  - All old gyration mix designs will be conditionally approved for a specific project only.

## 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?
  - 19mm project was completed a few years ago. No issues 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.

# District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
  - Communication, Communication, Communication!!!
  - Focus on the Pre-Pave / Pre-Placement Meetings
  - Breakdown the asphalt sampling per phase

## 2021 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.

## 2022 District Changes - Direction

- Please list - discuss any changes to policy, specifications, special provisions, staff, etc. that are relevant to the asphalt paving industry.
  - Continued training of new employees regarding asphalt placement and specifications



# Questions/Comments???



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