



PAPA Regional Technical Meeting

Allentown

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District 6-0

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2018 Bituminous Testing

Testing:

- #337 Lots- Mixture Acceptance by box sample
- #316 Lots – Density Acceptance by pavement core

Failure:

- #44 AC failures
- #88 Gradation failure #200/41 PCS/47
- #20 Density failures

2018 Percent Within Tolerance (PWT)

	PWT SUMMARY		
Year	2016	2017	2018
Number of PWT Projects	6	25	18
Number HOLA	1	14	6
Number LTS	5	11	12
Average Pay Factors (%)			
Asphalt	98.13	101.99	101.23
PCS	104.00	101.40	100.16
#200 Screen	104.00	102.72	100.55
Density	104.00	102.94	102.97
Average Density	95.2	94.6	94.6
Average Overall Lot Pay Factor (%)	1.02	1.02	1.02
Bonus (\$)	\$18,811	\$889,407	\$922,128
Penalty (\$)	-\$4,547	-\$84,092	-180,162

➤ 2018 Longitudinal Joint Density Performance

- Longitudinal Joint Type
 - Which joint type is being utilized most?
 - Vertical
 - Tapered **Michigan notched Wedge**
 - Which joint type is producing better density?
 - Are you having any longitudinal joint issues?
 - If so, please explain. **NO ISSUES**

2018 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary		
Year	2016	2017	2018
Lots Tested	12	32	6
% Density Range	64	159	28
% Average Density	85.1 - 95.8	87.5-96.2	88-93.7
Incentive Lots	92.2	91.7	92.24
Zero Lots			
Disincentive Lots			
Total \$ for Incentive Lots	31000	97100	13,750
Total \$ for Disincentive Lots	0	0	1,600
Delta (Incentive - Disincentive)	31000	97100	12,150

REF: Section 405 Evaluation of Bituminous Pavement Longitudinal Joint Density and Payment of Incentive/Disincentive



2019 Planned Construction Projects

- List Projects With > 1000 tons of WMA Paving
 - E107652, Let 2/28/19, SR 202, Del, xxx Tons
 - E64790, Let 3/28/19, SR 2006, Del, xxx Tons
 - E79830, Let 3/28/19 SR 0/SC1, Phila, 1,400 Tons
 - E92581, Let 4/11/19 SR 95/PM5, Del, xxx Tons
 - E105134, Let 4/25/19 SR 0/MTF, Mont, xxx Tons
 - E86923, Let 6/20/19 SR 309/PM1, Buck, xxx Tons
 - E63491, Let 6/20/19 SR 202/65S, Mont, 31,000 Tons
 - E108090, Let 6/20/19 SR 0/106, Phila, 30,000 Tons
 - E80021, Let 7/11/19 SR 3020/510, Mont, 9,000 Tons

2019 Planned Construction Projects

- List Projects With > 1000 tons of WMA Paving
 - E107180, Let 7/11/19, SR 0/PTC, Mont, xxx Tons
 - E111758, Let 7/11/19, SR 563/PAB, Bucks, 2,300 Tons
 - E112224, Let 7/25/19, SR 0/MTF, Phila, xxx Tons
 - E111170, Let 7/25/19, SR 0/MTF, Mont, xxx Tons
 - E111192, Let 7/25/19, SR 3010/MTF, Bucks, xxx Tons
 - E105847, Let 8/8/19, SR 0/0, Bucks, xxx Tons
 - E79908, Let 8/22/19, SR 95/BS1, Phila, 3,500 Tons

2019 Maintenance WMA Tons (Estimated)

County	9.5 mm	12.5 mm	19.0 mm	19.0 mm LVR	25.0 mm	37.5 mm
6-1 Bucks	84,000		12,500		6,720	
6-2 Chester	155,000				12,400	
6-3 Del	105,000				8,400	
6-4 Mont	167,000				13,360	
6-5 Phila	118,000				9,440	
TOTAL TONS	629,000		12,500		50,320	

LVR = Low Volume Roads

District Innovations & Best Practices

- Have you tried a 6.33 mm Thin Lift project yet?
 - If no, will you be trying one in 2019? **NO! NO!**
 - If yes, please discuss project.
- Do you utilize SMA on all Interstate Highways?
 - Why? **422/PM2 is out**
 - Why not? **Pilot Project on Rt 30 10%SMA**
- Are you still having tack coat issues? What tack coat type do you predominantly specify? Why?
No issues Dist 6-0 uses NTT (Anionic)

District Innovations & Best Practices

- Have your maintenance forces completed a 19.0 mm for Low Volume Roads mix project yet?
 - If so, please discuss your observations. **No!**
- Have you bid or completed a LLAP Project?
 - If completed, what are your take-aways?
 - **SR422-M2C awarded**
- Have you bid and/or completed any crack and seal projects/asphalt structural overlay in the past few years? **NO!**
 - If so, please briefly discuss project and any take-aways?

District Innovations & Best Practices

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

2018 District Changes - Direction

- Please discuss any changes to policy, specifications, special provisions, staff, etc. that are relevant to the asphalt paving industry.
 - Seyoum Mengesha
 - Steve Schoedler

Questions/Comments???



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