



PAPA Regional Technical Meeting

(Cranberry Twp.)

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District 1

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2018 Bituminous Testing

Testing:

- 110 Lots- Mixture Acceptance by box sample
- 39 Lots – Density Acceptance by pavement core

Failure:

- 0 AC failures
- 1 Gradation failure
- 1 Density failures

2018 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary		
Year	2016	2017	2018
Lots Tested	66	57	
% Density Range	92.9-95.8	91-95.3	
% Average Density	94	93.3	
Incentive Lots	0		
Zero Lots		1	
Disincentive Lots	0	0	
Total \$ for Incentive Lots	\$353,500	\$222,000	
Total \$ for Disincentive Lots	0	1	
Delta (Incentive - Disincentive)	\$353,500	\$221,000	

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



2018 Longitudinal Joint Density Performance

- Longitudinal Joint Type
 - Which joint type is being utilized most?
 - Tapered/ Notched wedge

 - Are you having any longitudinal joint issues?
 - No

2018 Percent Within Tolerance (PWT)

	PWT SUMMARY		
Year	2016	2017	2018
Number of PWT Projects	14	24	32
Number HOLA	1	11	11
Number LTS	13	13	21
Average Pay Factors (%)			
Asphalt	100.72	102.13	102.77
PCS	99.58	102.55	102.15
#200 Screen	99.10	101.49	99.17
Density	102.38	102.82	102.70
Average Density	94.4	94.8	94.4
Average Overall Lot Pay Factor (%)	1.01	1.02	1.02
Bonus (\$)	\$163,333	\$340,466	\$332,346
Penalty (\$)	-\$55,637	-\$48,122	-\$73,724

2019 Planned Construction Projects

- List Projects With > 1000 tons of WMA Paving
 - 109748, SR 5/24M, ERIE
 - 104463, SR 290-A08, ERIE,

▶ 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
1						
TOTAL TONS	136,596		26,418	73,050	5,589	

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?
 - If yes, please discuss project.
- Do you utilize SMA on all Interstate Highways?
 - Yes
- Are you still having tack coat issues? (No) What tack coat type do you predominantly specify? (Tack or Trackless Tack) Why?

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.
- Have you bid or completed a LLAP Project?
 - Not yet
- Have you bid and/or completed any crack and seat projects/asphalt structural overlay in the past few years?

District Innovations & Best Practices

- NOVEC- 3M product, helping with safety of our inspectors.
- Russell standard Piloted.
- Testing results with minimal difference
- PPE Requirements- Safety glasses

2018 District Changes - Direction

- Please discuss any changes to policy, specifications, special provisions, staff, etc. that are relevant to the asphalt paving industry.
- Warm mix Temps, top end of temp – 25 degrees
- High absorption aggregate

Questions/Comments???



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