"Up the Game" in Pavement Durability

PAPA 2016

January 25-27 / The Hotel Hershey

It's a Team Effort
Status of Technical Initiatives

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Technical Initiatives

- PWT Implementation
- Moisture Sensitivity
- Best Practices for RAP/RAS
- WMA Implementation
- Gmm Verification
- PTC Items
PWT Implementation

• How Fast?
• LTS vs. HOLA
• Density PWL
• AMRL Assessment
• Technician Certification
Moisture Sensitivity

- Cost Benefit Analysis of AS additives
- Put minimum of 0.25 percent all mixes
- Higher dosages 0.50 and up based on TSR
- Approved AS additives (WMA technologies)
Best Practices for RAP/RAS

• NCHRP 9-46 Report
• Replacement Binder Ratio (RBR)
• Two Tiers to Three Tiers
• Material SDs for Binder & Gradation
• Different RBR Thresholds for < 19mm or >19mm
WMA Implementation

- 7 of 11 Districts in 2016
- Push for all WMA
- PAPA Survey
- Local Governments, DOT Maintenance, PTC?
Gmm Verification

- Only 6 of 1350± lots had penalties
- PAPA proposal was rejected
- Focus on procedure to assess penalty lots
PTC Items

- Implemented graduated pay scale
- Addressed sample cooling to room temp
- Provide written procedures for evaluating possible outliers