PAPA Regional Technical Meeting
State College March 15, 2016
District 2 Issues

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2016 Bituminous Testing

Testing:
- 241 Lots - Mixture Acceptance by box sample
- 140 Lots – Density Acceptance by pavement core

Failure:
- Two (2) AC failures
- One (1) Gradation failure
- Seven (7) Density failures

10 Failures:
- 8 reduced pay
- 2 R&R (Paid at 50%)
Area for Improvements

- **Compaction**
  - Reduce segregation
  - Gradations (Multiple Sieve Deviation)
  - Paving Speed Calculations
  - Number of Rollers
  - Follow established rolling pattern
  - Mix Temperature
• Tack Coat

• New Specification effective with Change No. 2 April 7, 2017.

• Standard Special Provision for projects between February 16, 2017 and Change No. 2

  – 100 LF test section
  – Apply uniform, evenly distributed tack coat at the indicated rate
  – Tacking all layers
Special Provisions

• No longer using 65 gyration mixes for 9.5mm mix
• Special provision still includes:
  – Design for 3.5% air voids when using gravel coarse aggregate
  – Blending aggregate if coarse aggregate is above 2% absorption
  – Minimum effective asphalt

• Using the “Bumping Down” Procedure as outlined in Pub 242
Special Provisions

- PWT where applicable
- Using 100% Warm Mix
- Continuing the use of antistrip in accordance with Bulletin 27.
• Long Life Asphalt Pavement Spec
  – SR 80-B34 Centre (E82105)

• 6.33 mm Mix
  – Group 2-17-ST1 Centre (E107331)
Questions/Comments???