PAPA Bus Tour Hot Topics

Neal Fannin
Pavement Materials
ISSD
Anti-strip Research Implementation

• Change
  – Require 0.25% (or minimum required by manufacturer of anti-strip) in all asphalt mixes.
    • Will not require additional testing of mixtures.
  – Foamed warm mix would not require additional testing but would contain the same anti-strip as the hot mix parent.
  – Require additional AASHTO T283 testing for mixes with both coarse and fine aggregates that are gravel, sandstone, siltstone, slag, quartz, or shale with 0.5% (or dosage rate recommended by manufacturer for mixtures that fail AASTO T 283 test at lowest dosage)

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Anti-strip Research Implementation

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  - Producers may add higher dosage and avoid testing.
Mix Design Gyration Spec. change

• Change
  – Allows Districts to specify 50 gyration mixes up to 3 million ESALs.
  – Allows Districts to specify 75 gyration mixes up to 10 million ESALs.
  – 65 gyration mixes will no longer be allowed. Only 50, 75, and 100 gyration mixes will be allowed.
  – Note: Districts need to consider truck speed, roadway geometry (hills, intersections ...) when making decisions about when to specify gyration levels lower than AASHTO recommended levels.
• Change
  – The specification change has been delayed because the LTS needed to do an analysis of the significant figures used in the PWL computation that effected the payment formula for SMA.
  
  – The final version of the specification should be going to FHWA for approval within the month.
Questions?