Asphalt Mixture Performance Tester - Specifications

Asphalt Mixture ETG – Sept 2015
Jeff Withee
AASHTO Standards

• AMPT Equipment Specification (*proposed*)
• PP 60 Specimen Fabrication
• TP 79 Modulus and Flow Number Testing
• PP 61 Master Curve Development
• TP 107 Direct Tension Cyclic Fatigue
• TP 116 iRLPD
AMPT Equipment Spec

- Based on NCHRP specification
- Draft AASHTO Provisional Specification (MP-XX)
- Commentary
- Considers TP 79, TP 107, TP 116
- Tension Loading Consideration
TP 79 – E* and FN

- Split E* and FN test methods
- Incorporate analysis computations
- Move Calibration to equipment standard
Other Interactions?

- TP 107 – Determining the Damaged Characteristic Curve of Asphalt Mixtures from Direct Tension Cyclic Fatigue Tests (SOM steward – TX)
- TP 116 - Rutting Resistance of Asphalt Mixtures using Incremental Repeated Load Permanent Deformation (IRLPD) (SOM steward – VT)
Your Role

• Review & comment on draft specifications

• Comment resolution

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