

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
- Contact:
 - Jeff Withee (jeff.withee@dot.gov)

