Asphalt Mixture Performance Tester - Specifications

Asphalt Mixture ETG – April 2015
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AASHTO Standards

• PP 60 Specimen Fabrication
• TP 79 Modulus and Flow Number Testing
• PP 61 Master Curve Development
• AMPT Equipment Specification
PP 60 Specimen Fabrication

- Minor revisions
  - 3.4 consistently use ‘end flatness’ term
  - 9.6.3 section numbering & Table 1
  - X1.3.2 consistent dimensions (mm)
- Recommend for full standard in 2016
TP 79 Testing Procedures

- Dynamic Modulus
- Flow Number
- Recommend for full standard in 2016

PP 61 Master Curves

- Recommend for full standard in 2016
AMPT Equipment Spec

- Proposed standalone AASHTO Provisional Specification (MP-XX)
AMPT Equipment Spec

1. Scope
2. Referenced Documents
3. Terminology
4. General Equipment Requirements
5. Equipment
   • Component elements (8)
6. Calibration and Verification
7. Precision and Bias
8. Documentation
9. Keywords
10. References
AMPT Equipment Spec

- Flow Time – discontinue
- Computations
  - E*: move to Annex of TP 79
  - FN: move within TP 79 from Appendix to Annex
- Calibration – move TP 79 Annex B to standalone equipment specification
Other Standards Impacts

• Adjust equipment specification references
• Cross check for conflicts
• TP 79 & PP 61
• TP 107 – Determining the Damaged Characteristic Curve of Asphalt Mixtures from Direct Tension Cyclic Fatigue Tests
• TP 116 - Rutting Resistance of Asphalt Mixtures using Incremental Repeated Load Permanent Deformation (IRLPD)
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