



Task Force on Asphalt Standards Harmonization

Bob Klutz, Kraton Polymers
SEAUPG, November 17, 2021



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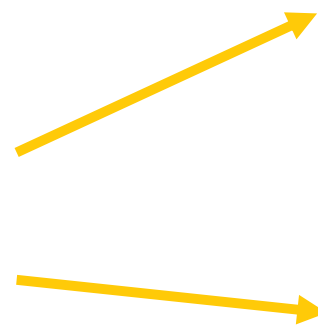


Purpose



Examine differences between AASHTO and ASTM versions of asphalt-related standards

Develop consistent requirements that meet the collective needs of the industry



Asphalt Producers

Testing Laboratories

Specifiers

Owners



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Harmonization Creates...



More Effective Commerce



Streamlined Asphalt Product Production



Consistency in Testing Protocols



More Uniform Asphalt Products



Structure – Established January 2019



AASHTO COMP Membership (3 to 6 people)	
Mike Doran (CO-CHAIR)	Tennessee Department of Transportation
Nathan Morian	Nevada Department of Transportation
Jeff De Vries	Iowa Department of Transportation
Jacob Walker	Georgia Department of Transportation
Chris Euler	New York Department of Transportation
Matt Romero	Oklahoma Department of Transportation

ASTM Membership (3 to 6 people)	
Scott Veglahn (CO-CHAIR)	Mathy Construction Company
Amir Gosalipour	FHWA / Chair of ASTM D04.44
Bob Kluttz	Kraton Polymers / Chair of ASTM D04.40
Kelly Cook	Edward C. Levy Co.
Payman Pirzadeh	Imperial Oil
Maryanne Sitzmann	Flint Hills Resources



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Structure - Continued



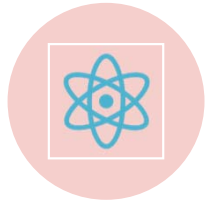
- Members vote on harmonization polls and decide what to send on to AASHTO and ASTM as recommended changes to standards
- **Anybody can be a Friend of TFASH** to join the mailing list, attend meeting, work on Task Groups, and provide input. We have 28 friends and growing!
- Anybody that is interested in becoming a friend of TFASH can email one of the TFASH Co-Secretaries to Join the Mailing List:
 - Joe Williams, jwilliams@ashtoresource.org
 - Maria Knake, mknake@ashtoresource.org



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TFASH Charter- Highlighted Goals



Use **scientifically sound** testing and sampling methodologies;



Provide for the **optimization** of available natural resources and manufacturing technology and can accommodate various local and regional requirements;



Promote **fairness, equity, and practicality** in asphalt test methods, practices, and specifications;



Provide a formal means for **exchange of current information** (e.g. new standards, revisions, task group activities, etc.) for corresponding subcommittees of each organization.



Consensus Process



- To ensure that the interests of both AASHTO and ASTM membership are met, input from AASHTO and ASTM members will be equally considered. A suggestion for revision to a standard will not be submitted to the relevant AASHTO and ASTM subcommittees until 100% consensus can be reached.
- Administrative negatives put on AASHTO and ASTM harmonization ballots to ensure negatives or comments received from either group during balloting are addressed before publication.



TFASH Recent Activities



- **AASHTO T 228 / ASTM D70 – Specific Gravity of Asphalt Binder**
- D70 Revised to address T228 differences. T228 currently in ballot to refer to current version of D70.
- Upcoming work will be to address thermometer issues based on NCHRP 20-07 Task 427 (Developing a Recommended AASHTO Standard Practice for Selection of Temperature-Measuring Devices)



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TFASH Recent Activities



- **AASHTO M 320 / ASTM D6373 – Specification for Performance-Graded Asphalt Binder**
- **&**
- **AASHTO M 332 / ASTM D8239 – Specification for Performance-Graded Asphalt Binder Using Multiple Stress Creep Recovery (MSCR)**
- Initial harmonization work is complete and published!
- Work continues on PAV conditioning temperatures.



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TFASH Recent Activities



- **AASHTO T 59 / ASTM D6997 – Emulsion Distillation**
- TFASH poll is open currently. When approved, recommended revisions will be sent to AASHTO and ASTM for consideration.



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TFASH Recent Activities

- **AASHTO T 313 / ASTM D6648 – Bending Beam Rheometer**
- Draft revisions made to ASTM version of standard, being transferred to AASHTO version for TFASH consideration.



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TFASH Recent Activities

- **AASHTO T 315 / ASTM D7175 – Dynamic Shear Rheometer**
- TFASH Subgroup is active and meeting regularly to make revisions for TFASH consideration.



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TFASH Recent Activities



- **AASHTO T 312 / ASTM D6925 – Gyrotory Shear Compactor**
- First TFASH poll completed after an initial round of revisions. TFASH Subgroup is addressing TFASH comments received and will complete another round of polling soon.



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TFASH Recent Activities



- **AASHTO T 50 / ASTM D139 – Float Test for Bituminous Materials**
- New subgroup just formed!



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We Need Your Help!

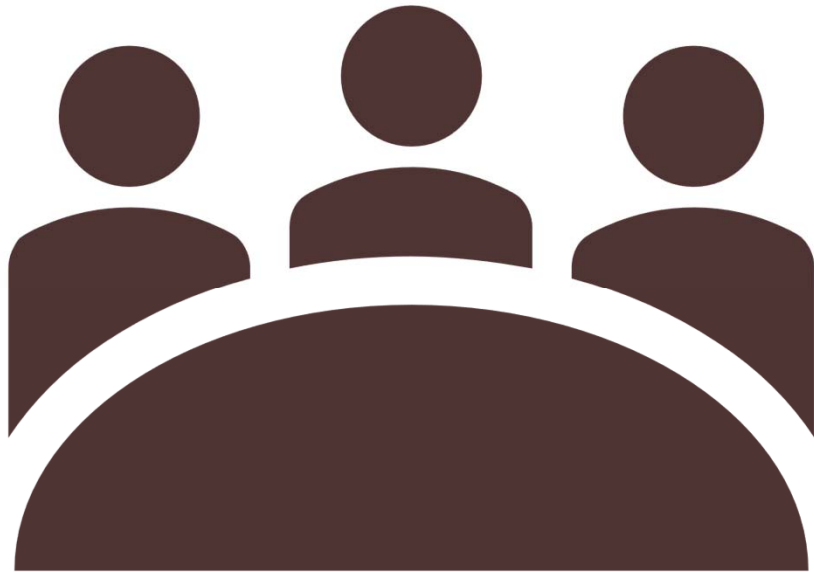


- Suggest future harmonization activities by reaching out to a TFASH Co-Chair:
 - Mike Doran - Michael.Doran@tn.gov
 - Scott Veglahn - Scott.Veglahn@mteservices.com
- Become a friend of TFASH by reaching out to:
 - Maria Knake - mknake@ashtoresource.org
 - Joe Williams - jwilliams@ashtoresource.org



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Questions and Discussion



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