

SUBCOMMITTEE ON MATERIALS

2016 Annual Meeting – Greenville, SC

Tuesday, August 2, 2016

3:15 – 5:00 PM EST

TECHNICAL SECTION 4e

Joint Materials, Wood, Bridge Bearings, Geosynthetics, and Insulating Board

Agenda

I. Call to Order and Opening Remarks

II. Roll Call

Voting Members as of 5/26/2016:

Name	State		Present
Ramirez, Timothy (Chair)	PA	tramirez@pa.gov	
Benson, Michael (Vice Chair)	AR	michael.benson@arkansashighways.com	
Voth, Michael D	FHWA	michael.voth@dot.gov	
Douds, Richard	GA	rdouds@dot.ga.gov	
Fung, Clement W.	MA	clement.fung@mhd.state.ma.us	
Hood, Woodrow L.	MD	whood@sha.state.md.us	
Trautman, Brett	MO	brett.trautman@modot.mo.gov	
Williams, James A.	MS	jwilliams@mdot.state.ms.us	
Strizich, Matt	MT	mstrizich@mt.gov	
Peoples, Christopher	NC	cpeoples@ncdot.gov	
Streeter, Donald	NY	donald.streeter@dot.ny.gov	
Seward, Kenny	OK	kseward@odot.org	
Lane, Danny	TN	danny.lane@tn.gov	
Williams, Kurt	WA	willikr@wsdot.wa.gov	

Liaisons, Non-Voting Members, and Friends as of 5/26/2016:

Name	Affiliation		Present
Rothblatt, Evan	AASHTO	erothblatt@ashto.org	
Lacinak, Henry	AASHTO	hlacinak@ashto.org	
Mulusky, Katheryn	AASHTO	kmalusky@ashto.org	
Lenker, Steven E.	AMRL	slenker@amrl.net	
Knake, Maria	AMRL	mknake@amrl.net	
Curry, Jonathan	Industrial Fabrics Assoc. International	jicurry@ifai.com	
Watson, Ronald	RJ Watson, Inc.	rwatson@rjwatson.com	
Allen, Tony	WA	allent@wsdot.wa.gov	

III. Approval of Technical Section Minutes

The TS-4e Annual Meeting Minutes from August 5, 2015 in Pittsburgh, PA were approved during the TS-4e 2016 Mid-Year Web Meeting on January 19, 2016.

Approval of TS-4e Mid-Year Web Meeting Minutes from January 19, 2016.

IV. Old Business

- A. SOM Ballot Items
 - 1. All items were addressed at the Mid-Year Meeting.
- B. TS Ballots
 - 1. SOM_TS4E-16-01 (Due Date 7/11/2016) – See Attachment #1 Detail Summary Report:
 - i. Item 1: M 288 Geotextile Specification for Highway Applications. Proposed revisions based on TS-4e Task Force 2015-01 work to include a higher strength class geotextile (Class 1A), to include revisions to silt fence requirements, to include new requirements for geogrids and geotextiles for soil reinforcement applications, and to include requirements for AASHTO NTPEP marking of geotextiles. Tech Section: Affirmative ? of 14, Negative ? of 14, No Vote ? of 14.
 - ii. Item 2: MP 25 Performance-Graded Bituminous Sealants. proposed revisions to revise from "bituminous sealants" to "hot-poured asphalt crack sealant", to include reference to new proposed standard TP xx to replace the SC-4 reference in this standard, and corrective revisions to Table 1 and the minimum apparent viscosity value. Tech Section: Affirmative ? of 14, Negative ? of 14, No Vote ? of 14.
 - iii. Item 3: TP xx, Evaluation of the Tracking Resistance of Hot-Poured Asphalt Crack Sealant by Dynamic Shear Rheometer (DSR). Proposed new provisional standard. This standard is the last test method to be adopted for Performance-Graded Hot-Pour Asphalt Crack Sealant. It will replace the referenced Sealant Consortium (SC) test method, SC-4, in MP 25-15. Tech Section: Affirmative ? of 14, Negative ? of 14, No Vote ? of 14.
 - iv. Item 4: PP xx, Grading or Verifying the Sealant Grade (SG) of a Hot-Poured Asphalt Crack Sealant. Proposed new provisional practice. This standard is similar to R 29 but intended for grading and verifying the sealant grade (SG) of hot-poured asphalt crack sealant. It was developed through the Sealant Consortium Transportation Pooled Fund Study. Tech Section: Affirmative ? of 14, Negative ? of 14, No Vote ? of 14.
- C. Task Force Reports
 - 1. Joint SOM TS-4e and SCOBS T-2 Task Force. No report.
 - 2. Task Force 2006-01. M 251 Proper Testing Frequency & Realistic English Units.
 - 3. Task Force 2006-03. Development of an AASHTO Standard for Edge Drains.
 - 4. Task Force 2010-01. Evaluate Possible Revisions to TP 85, TP 86, TP 87, TP 88, TP 89 and TP 90 and Develop Standard for Crack Sealant Specification. Consider adopting as full standards in 2016 SOM Ballot.
 - 5. Task Force 2015-01. M 288 Revisions. Proposed revisions issued on Tech Section Ballot SOM_TS4E-16-01.

V. New Business

- A. Research Proposals
 - 1. 20-7 RPS
 - i. Continued support of TS-1a's (Bob Burnett's) proposed proposal entitled 'Cost Effectiveness of Geotextiles Used as Separators'.
 - 2. Full NCHRP RPS – No proposals to date.
- B. AMRL/CCRL - Observations from Assessments – None.
- C. NCHRP Issues
 - 1. NCHRP 01-50, Quantifying the Influence of Geosynthetics on Pavement Performance. Status: Completion expected late August 2016.
- D. Correspondence, calls, meetings – None.
- E. Presentation by Industry/Academia
 - 1. Performance-Graded Hot-Pour Asphalt Crack Sealants – Hasan Ozer/Imad Al-Qadi - The University of Illinois at Urbana-Champaign.
- F. Proposed New Standards - None
- G. Proposed New Task Forces – To be determined by Annual Meeting discussion.
- H. Standards Requiring Reconfirmation – See Attachment #2 for TS-4e Status of Standards
 - 1. The following provisional standards require a 1-Year Extension Ballot if not proposed for adoption as full standards in the 2016 SOM Ballot.
 - i. TP 85, TP 86, TP 87, TP 88, TP 89 and TP 90.
- I. SOM Ballot Items (including any ASTM changes/equivalencies)

VI. Open Discussion

VII. Adjourn

SOM TS-4e Status of Standards						
TS 4e AASHTO Standard (Published 2016)	1st Published Date of Provisional	Reconfirm Required	Referenced ASTM Standard	Current ASTM Standard	Standard Title	Assigned To:
M 33-99 (2016)		2020	D994-98 (2010)	D994/D994M-11	Preformed Expansion Joint Filler for Concrete (Bituminous Type)	MT
M 153-06 (2016)		2020	D1752-04a	D1752-04a (2013)	Preformed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction	AR
M 168-07 (2016)		2020			Wood Products	MT
M 213-01 (2015)		2019	D1751-04 (2008)	D1751-04 (2013)	Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)	MO
M 230-07 (2016)		2020			Expanded and Extruded Foam Board (Polystyrene)	NY
M 251-06 (2016)		2020			Plain and Laminated Elastomeric Bridge Bearings	NY
M 288-15		2019			Geotextile Specification for Highway Applications	NY
M 297-10 (2015)		2019	D3542-08	D3542-08 (2013)	Preformed Polychloroprene Elastomeric Joint Seals for Bridges	PA
R 50-09 (2013)		2017			Geosynthetic Reinforcement of the Aggregate Base Course of Flexible Pavement Structures	NY
R 69-15		2019			Determination of Long-Term Strength for Geosynthetic Reinforcement	WA
T 42-10 (2015)		2019	D545-08	D545-14	Preformed Expansion Joint Filler for Concrete Construction	PA
MP 25-15	2015	2019			Performance-Graded Bituminous Sealants	PA
MP 26-15	2015	2019			Cotton Duck Fabric Bridge Bearings	AR
TP 85-10 (2016)	2010	2017			Apparent Viscosity of Hot-Poured Bituminous Crack Sealant Using Brookfield Rotational Viscometer RV Series Instrument	PA
TP 86-10 (2016)	2010	2017			Accelerated Aging of Bituminous Sealants and Fillers Using a Vacuum Oven	MS
TP 87-10 (2016)	2010	2017			Measuring Low-Temperature Flexural Creep Stiffness of Bituminous Sealants and Fillers by Bending Beam Rheometer (BBR)	MS
TP 88-10 (2016)	2010	2017			Evaluation of the Low-Temperature Tensile Property of Bituminous Sealants by Direct Tension Test	WI
TP 89-10 (2016)	2010	2017			Measuring Adhesion of Hot-Poured Crack Sealant Using Direct Adhesion Tester	WI
TP 90-16	2010	2017			Measuring Interfacial Fracture Energy of Hot-Poured Crack Sealant Using a Blister Test	GA