

SUBCOMMITTEE ON MATERIALS

2016 Annual Meeting – Greenville, SC

Thursday August 4, 2016

8:00 – 10:00 AM EST

TECHNICAL SECTION 1a

Soil and Unbound Recycled Materials Test Methods

I. Call to Order and Opening Remarks

With retirement of Mr. Bob Burnett, former TS 1a chair; there are new officers for Tech Section 1a:

Andy Babish – Chair, Virginia DOT

Bill Schiebel – Vice Chair, Colorado DOT

Kaye Chancellor - Research Liaison – Alabama DOT

II. Roll Call

First	Last	Organization	Email	Designation	MemberType
William	Ahearn	VT	bill.ahearn@vermont.gov	Member	Voting
Charles	Babish	VA	andy.babish@vdot.virginia.gov	Chair	Voting
Tracy	Barnhart	AMRL	tbarnhart@amrl.net	Liaison	Non-Voting
Sejal	Barot	MD	sbarot@sha.state.md.us	Member	Voting
Lyndi	Blackburn	AL	blackburnl@dot.state.al.us	Member	Non-Voting
Jack	Cowsert	NC	jcowsert@ncdot.gov	Member	Voting
Kaye	Davis	AL	chancellor@dot.state.al.us	Member	Non-Voting
Richard	Douds	GA	rdouds@dot.ga.gov	Member	Voting
Mark	Felag	RI	mark.felag@dot.ri.gov	Member	Voting
Joe	Feller	SD	joe.feller@state.sd.us	Member	Voting
Clement	Fung	MA	clement.fung@mhd.state.ma.us	Member	Voting
Caroline	Heinen	TX	caroline.heinen@txdot.gov	Member	Voting
David	Horhota	FL	david.horhota@dot.state.fl.us	Member	Voting
Ron	Horner	ND	rhorer@nd.gov	Member	Voting
Azmat	Hussain	FHWA	azmat.hussain@dot.gov	Member	Voting
Maria	Knake	AMRL	mknake@amrl.net	Member	Non-Voting
Henry	Lacinak	AASHTO	hlacinak@ashto.org	Liaison	Non-Voting
Becca	Lane	ON	Becca.Lane@ontario.ca	Associate Member	Voting
Steven	Lenker	AMRL	slenker@amrl.net	Other	None
John	Malusky	AMRL	jmalusky@amrl.net	Liaison	Non-Voting
Jennifer	Pinkerton	DE	Jennifer.Pinkerton@state.de.us	Member	Voting
Timothy	Ramirez	PA	tramirez@pa.gov	Member	Voting
Evan	Rothblatt	AASHTO	erothblatt@ashto.org	Liaison	Non-Voting

Bill	Schiebel	CO	bill.schiebel@state.co.us	Vice Chair	Voting
Eileen	Sheehy	NJ	eileen.sheehy@dot.nj.gov	Member	Voting
Greg	Stellmach	OR	greg.f.stellmach@odot.state.or.us	Member	Voting
Donald	Streeter	NY	donald.streeter@dot.ny.gov	Member	Voting
Darin	Tedford	NV	dtedford@dot.state.nv.us	Member	Voting
Greg	Uherek	AMRL	guherek@amrl.net	Member	Non-Voting
James	Williams, III	MS	jwilliams@mdot.state.ms.us	Member	Voting

III. Approval of Technical Section Minutes

Midyear Meeting held February 2, 2016, 2pm to 4pm. *(See attached minutes for review and approval)*

Action: Approve Minutes from 2016 Midyear meeting. Motion: Second:

IV. Old Business

A. SOM Ballot Items

SOM ballot items were addressed at midyear meeting.

B. TS Ballots

T176 – Plastic Fines in Graded Aggregates and Soils by use of the Sand Equivalent Test – WAQTC sponsored revisions to Section 4.9. Revisions add a defined process for mixing the working solution to ensure uniform thorough mixing of the solution by all technicians when running the sand equivalency tests.

Affirmative - 14 Negative - 1 No vote – 6

Negative – RI: “While I agree with the concept of thoroughly mixing, agitating vigorously for 1-2 minutes twice seems excessive. Have shorter times (and only once) been reviewed? If mixing is done by hand this would be very hard to do.”

Comment - NY: Agree to change, but our Technical Expert questions if the variations in test results are due to improperly mixed solution when the working solution is 1st created or, since the working solution may be used for 30 days, is the problem due to lack of agitation of working solution prior to use.

Actions:

Discuss and resolve negative from RI.

C. Task Force Reports

No Task Forces to report.

V. New Business

A. Research Proposals

1. 20-7 RPS
2. Full NCHRP RPS

B. AMRL/CCRL - Observations from Assessments?

Any comments from AMRL/CCRL representatives?

C. NCHRP Issues

Amir Hannah update?

D. Correspondence, calls, meetings

AASHTO Publication queries: *(attached)*. Responses provided by chair. Editorial in nature. No actions needed.

E. Presentation by Industry/Academia

FHWA presentation providing overview of DIGGS. From the Pooled Fund Study Abstract: “The Federal Highway Administration (FHWA) in conjunction with the Ohio Department of Transportation formed a work group comprised of 11 State DOTs, United Kingdom Highway Agency, USGS, USEPA, US Army Corps of Engineers, FHWA Ohio Division, and FHWA Office of Federal Lands Highway to oversee the development of data dictionaries and data formats for geotechnical management systems through Transportation Pooled Fund (TPF) project TPF-5(111) “Development of Standards for Geotechnical Management Systems”. One of the products being produced through the pooled fund project is a geotechnical and geoenvironmental data exchange standard called Data Interchange for Geotechnical and Geoenvironmental Specialists (DIGGS).”

F. Proposed New Standards

G. Proposed New Task Forces

H. Standards Requiring Reconfirmation

- R 051-13 Compost for Erosion/Sediment Control (Filter Berm and Filter Socks) – Stewardship DE, MD
- T 088-13 Particle Size Analysis of Soils – Stewardship NV, NJ
- T 089-13 Determining the Liquid Limit of Soils – Stewardship MS, NC
- T 193-13 The California Bearing Ratio – Stewardship AL, RI
- T 307-99 (2012) Determining the Resilient Modulus of Soils and Aggregate Materials – Stewardship FL, OK

All standards identified above requiring reconfirmation are Category A standards (no ASTM equivalent).

I. SOM Ballot Items (including any ASTM changes/equivalencies)

T297 – Consolidated, Undrained Triaxial Compression Test on Cohesive Soils – Stewardship is CO, AL. ASTM equivalent is D4767, ASTM made reference updates to D4767. Colorado DOT proposed updating reference table in T297 as follows (updates in red font);

AASHTO T 297-94 (2016) is identical to ASTM D4767-88^{e1} except that all references to the ASTM standards contained in ASTM D4767-88^{e1}, listed in the following table, shall be replaced with the corresponding AASHTO standard:

<i>Referenced Standards</i>	
ASTM	AASHTO
D854	T 100
D1587	T 207
D2166	T 208
D2435	T 216
D4318	T 89 and T 90
D422	T 88
D2216	T 265
D2850	T 296
D3740	R 18, R 61
D4753	M 231

Action: Chair views proposed changes to T297 as editorial in nature and will make revisions in upcoming publication. Do TS members agree? If so, SOM ballot item not necessary.

VI. Open Discussion

VII. Adjourn