

## SUBCOMMITTEE ON MATERIALS

2017 Annual Meeting – Phoenix, AZ

Monday August 7, 2017

10:15-11:30 AM

### TECHNICAL SECTION 5c

#### Quality Assurance and Environmental

**I. Call to Order and Opening Remarks** Call to order at 1020

1. Brief summary of activities *(to ensure all attendees up to speed)*

**II. Roll Call**

(See QR code attendance list)

**III. Approval of Technical Section Minutes (attachment #1)**

**Comments: N/A**

**Approve: CO**

**Second: ME**

**No opposed**

**IV. Old Business**

1. SOM Ballot Items

1. Outstanding items from Mid-Year Meeting?

**None.**

2. TS Ballots (attachment #2)

- i. Revisions and updates to R25

Addressing negatives:

- (CO will withdraw negative if there is a note added that some states (CO, MD, OK, MI, TX, FL, etc.) currently include the use of independent assurance sampling and testing to replace recertification. Move the reference/note to NHI course.
- OR will withdraw negative if the suggested tests are added. T113 will not be deleted. Allow (or T113 is already allowing) regional certification program and adding sampling is a good suggestion. Training course – covered with CO and OR.
- AK submitted all good editorial changes which will be incorporated.
- FL makes an interesting observation that the Code of Regulations calls for “qualified” technicians, not certified technicians. FL will look further to see if there is a real issue as other DOTs do not seem to have any issues and/or conflicts with this terminology.

**Motion to move this to a full Committee ballot: ME**

**Second: OK**

**No opposed.**

- ii. Updated to PP80

1. Some editorial comments to be addressed. Move to a full Committee Ballot

- iii. Updated to PP81

1. Some editorial comments to be addressed. Move to a full Committee Ballot

### 3. Task Force Reports

- i. Task Force of One: Rick Bradbury survey, 40 responses (attachment #3)
  - a. **R16 Regulatory Information for Chemicals Used in AASHTO Tests (attachment #4)** Chair's concern regards how often OSHA and NIOSH change their standards and are we keeping current (7.5 pages of citations). Does reprinting this information add value? If so, how do we keep it up to date?
  - b. "This practice is not intended to substitute for law or regulation"
  - c. Resources available to update?
  - d. Due for reconfirmation.
  - e. Options: Disclaimer, Delete, or Fix prior to reconfirmation.
  - f. TIME SENSITIVE.
  - g. Potential disclaimer: "This practice is not intended to substitute for law or regulation. Changes to these regulations may occur post AASHTO publication date. Local standards may supersede these cited regulations."
  - h. ACTION?

#### **R16: How to proceed with R16.**

- Should this standard be maintained? One state indicated that there'd have a major impact if R16 wasn't a standard.
- A vote to drop the standard: Isn't OSHA the controlling interest here? You must abide by state OSHA regulations, not AASHTO regulations.

#### **Motion to discontinue: ME**

**Second: CT**

**Discussion: None.**

**No opposed.**

**There will be a full-committee ballot to delete R16.**

### 2. **R34 Evaluating Deicing Chemicals (attachment #5)**

- a. This standard refers to SHRP H-332, Handbook of Test Methods for Evaluating Chemical Deicers. November 1992.
- b. There are eleven separate test methods in the Handbook
- c. There is no additional information provided in R34.
- d. Options, Delete, leave as it, publish the eleven individual test methods so that they can be reviewed and updated.
- e. Not time sensitive, reconfirming as is does no harm.
- f. ACTION?

#### **R34: Do we want 11 different tests methods or should we discontinue R34.**

- Who is using this standard, materials or maintenance? People in the chemical lab are using the test method. May want to survey the maintenance people.
- From previous survey, one state said removing this test method would lead to a major problem.

#### **Motion to put it on the ballot to reconfirm as is: ME**

**Second: MD**

**No opposed.**

## V. **New Business**

1. Research Proposals
  1. 20-7 RPS
  2. Full NCHRP RPS AFH20 SOC Proposal "Statistical Based Construction Inspection Program." (Attachment #6)

**This is going through Construction and not Materials.**
2. AASHTO re:source/CCRL - Observations from Assessments? – **No issue**

3. NCHRP Issues - N/A
4. Correspondence, calls, meetings
  - i. PRESENTATION: George Chang, Transtec: *Intelligent Compaction and Paver-Mounted Thermal Profiling: National Implementation and Specifications*

There is an ASTM standard for the data used in Proval for IRI/Ride. All equipment used for IRI must meet this standard to be compatible. There is a need to establish a parallel standard for Paver Mounted Thermal Imaging and Intelligent Compaction data. A draft standard is under development. Likely to be a Tech Section ballot in the coming year.

5. Presentation by Industry/Academia
  - i. PRESENTATION: *Update on SHRP2 product: Rolling Density Meter* – this will be covered tomorrow morning in the Plenary session.
6. Proposed New Standards
  - i. PP(XX-XX) File Format for Intelligent Construction Data (attachment #7)
  - ii. PP (XX-XX) Ground Penetrating Radar for Asphalt Dielectric Variability Assessment. (attachment #8)
  - iii. Constant mass specification – WAQTC created it. Curt hasn't gotten a chance to review. This might come out as a Tech Section Ballot.

7. Proposed New Task Forces

Dennis Dvorak suggested to update R-42 for QA program through a task force. He is looking for volunteers as specification needs to be corrected and updated. Maine, Connecticut and Virginia are willing to help. Subsequent to the meeting Kansas – Rick Barezinsky and Texas – Brett Haggerty also volunteered.

Another TF to update R25—could be done by consultants?

- The entire method is currently non-mandatory.
- Table until mid-year meeting.

8. Standards Requiring Reconfirmation
  - i. Handled directly by AASHTO staff unless R16 or R34 are to be deleted.
9. SOM Ballot Items (including any ASTM changes/equivalencies)

**VI. Open Discussion**

- WAQTC has put together a standard to determine constant mass
- R18 is a standard that has historically been done by the EC/ATG, but it's strange to have this one standard off by itself with [the EC/ATG] group, so R18 is more than likely going to move to 5c. Changes to R18 have been suggested by WAQTC. A concurrent ballot will address this issue in the Fall of 2017.

**VII. Adjourn Meeting adjourned at 1121.**