

SUBCOMMITTEE ON MATERIALS

2017 Annual Meeting – Phoenix, AZ

Monday August 7, 2017

1:00 – 3:00 PM EST

TECHNICAL SECTION 4a

Rigid Pipe

- I. Call to Order and Opening Remarks**
 - A. Brief summary of activities (*to ensure all attendees up to speed*)

- II. Roll Call**
 - A. **By either AASHTO Resources or Chair/Vice Chair**
 - i. **Voting member States**
 1. **Determination of quorum**
 - ii. **Others please ‘sign in’ using the I-pad**

- III. Approval of Technical Section Minutes from Tuesday January 26th, 2017**
 - A. **Annual Distributed August 25, 2017**
 - i. **Minutes approved as distributed**
 - B. **Mid-year meeting January 26, 2017**
 - i. **AASHTO Resources**
 1. **Ms. Katheryn Mulasky – minutes (THANK YOU!)**
 - ii. **Motion to approve/second**
 1. **Discussion (if any)**
 - iii. **Approval based on discussion (and amendments if any)**

- IV. Old Business**
 - A. **SOM Ballot Items**
 1. **Outstanding items from Mid-Year Meeting?**
 - ii. **TS Ballots - NONE**
 - iii. **Pull test of welded circumferentials**
 1. **Work group formulated a test method along with ACPA participation. Referred to TS 4F**
 - a. **TS Chair (M. Zwanka) has since indicated its passed TS vote with minor comments and will be part of the rolling ballot for AASHTO T244 as an appendix document (one of many).**
 - i. **Thank you to the workgroup and Merrill**
 2. **Water Quality Standards**
 - a. **Minor comments which were addressed. Brian Egan (Research Liaison) suggested a minor editorial change (ie max chloride limit of 0.15% and conforming to AASHTO M157, Section 4.14 and Tables 1 and 2.**
 1. **Revisions submitted to AASHTO and made**
 2. **Standards updated.**

3. During 'open discussion' it was noted that the AASHTO/NTPEP program for WWR that there was some discussion about existing verbiage concerning welding. Sarc. Was to address this and share with the TS.
 - a. Status (if known).

V. New Business

- A. Research Proposals
 1. 20-7 RPS
 2. Full NCHRP RPS
 - B. AASHTO Resource/CCRL –
 - i. Observations from Assessments affecting TS? – if any?
 - C. Queries: Multiple (M 259, M273, T-280, M170, M176, M178, M199)
 - D. M206, M207, M242
 - i. All very minor.
 1. T-280 (editorial) to include revision to image to show english dimensions of leaf gauge for 0.01" crack measurement
 - E. NCHRP Issues - Any?
 - F. Correspondence, calls, meetings
 - G. Updates and Presentation by ACPA
 - i. AASHTO's status of ASTM E380 WRT the weld pull test method.
 - ii. ASTM recent publication of evaluation procedures for post-installation (ASTM C1840)
 - H. Proposed New or revised standards
 - i. TF formed to update AASHTO M-259 (Box Culvert) to meet LRFD design criteria
 1. Work group member states
 - a. PennDOT (Assisted ACPA with ASTM C1577 updates)
 - b. New designs produced
 - i. Outstanding issues noted
 1. 'M dimension for reinforcement of box in C1577 – Needed for M259)
 2. Appendix for special designs outdated (some reference back to 1970's era working stress design criteria from AASHTO. PennDOT's bridge unit is currently working on revising the appendix.
 - a. Plan
 - i. Update for Workgroup approval
 - ii. Submit for TS ballot or concurrent ballot
 - iii. Discussion
- I. Proposed New Task Forces
- J. Future planned standard revisions?
 - i. AASHTO reinforcement criteria being developed by TS 4F to mirror ASTM A1064
- K. Standards
 - i. Those requiring re-confirmation were provided to chair/vice chair by AASHTO
 - ii. Few standards were re-confirmed this year. Others were identified for future revisions such as the reinforcement revisions.
 1. AASHTO T-280: Verbiage indicates dual units. Updated (editorial revision) to the diagram forthcoming to show english soft conversion, ie 13mm = ½" for crack feeler gauge, etc.
 - iii. Other:
 1. AASHTO M175 Standard Specification for Perforated Pipe)

- a. ASTM equivalent (ASTM C444 has not been updated since 2003.
Propose to drop as equivalent
 - 2. AASHTO T 281 Standard method for Test for Vitrified Clay Pipe
 - a. Appeared to TS chair this wouldn't be up for confirmation until NEXT year but agreed to reconfirm based on ASTM standard equivalent being up to date.
- L. SOM Ballot Items (including any ASTM changes/equivalencies)
- M. Chair Departure
 - i. Chair will be retiring effective October 20, 2017
 - 1. Mark Felag has prepared a poem.
 - 2. Unconfirmed response from a possible 'fill in' Chair until filled
 - ii. Vice-Chair position status

VI. Open Discussion

VII. Adjourn