

SUBCOMMITTEE ON MATERIALS

2016 Annual Meeting – Greenville, SC

Monday August 1, 2016

1:00 – 3:00 PM EST

TECHNICAL SECTION 4a

Rigid Pipe

- I. Call to Order and Opening Remarks**
- II. Roll Call**
- III. Approval of Technical Section Minutes**
 - A. Motion to approve minutes as distributed
 - i. Discussion
 - B. Vote
- IV. Old Business**
 - A. SOM Ballot Items
 1. Outstanding items from Mid-Year Meeting?
 - i. Pull Test – lapped circumferentials
 2. To be covered under Work Group (below)
 - ii. Water Quality:
 - B. TS Ballots
 - i. Rolling ballot (following August meeting)
 1. R73 “Standard Practice for Evaluation of Precast Concrete Drainage Products”
 - a. Discussion regarding use or future use by States
 - ii. Post Mid-year ballot
 1. Water Quality: 13 Specifications (M 086M-M086M, M170, M170M, M176M-M176, M178M-M178, M199M-M199M, M206M-M206, M207M-M207, M242M-M242, M259, M259M, M273, M273M)
 - a. M 157, Ready-Mixed Concrete
 - b. *Water*—Mix water shall conform to M 157, Tables 1 and 2, with a maximum limit of 0.15 percent chloride.
 - i. TS 4a 16-01: (March 17 to April 7, 2016) - Affirmative 16, No Vote 4
 - C. Task Force / Work Group Reports
 - i. No Task Forces
 - ii. Work Group 15-01 – Weld Pull Test
 1. Developed pull test criteria for welded lapped circumferentials
 - a. Primary authors: R. Horwhat/K. Spahn
 - i. Brief review of workgroup document
 2. Transferred to TS 4f/g for inclusion in AASHTO T244 as an appendix
 - a. Industry intentions for use in ASTM A370?
 - b. State use/requirement?
 - c. ACPA/NPCA audit criteria?

- iii. Work Group 15-02
 - 1. Finalized criteria for Water Quality Standards

V. New Business

- A. Research Proposals
 - i. 20-7 RPS
 - ii. Full NCHRP RPS
- B. AMRL/CCRL - Observations from Assessments?
- C. NCHRP Issues
- D. Correspondence, calls, meetings
- E. Presentation by Industry/Academia
 - i. ACPA (J. Beakley): Overview of ASTM C1818 Specification for Synthetic Fiber Reinforced Concrete Culvert Storm Drain and Sewer Pipe
- F. Research Liaison (Vacant – Rick Kreider formerly)
 - i. Need volunteer
 - 1. Brian Egan – Tennessee (potential from May e-mail)
 - a. Appointment (if necessary)
- G. Proposed New Standards
 - i. Results of State survey on AASHTO M259 and M 273
 - 1. M259-2011 Standard Specifications for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers
 - 2. M273-2011 Standard Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 2 ft of Cover Subjected to Highway Loadings
 - a. SOM 2010: Added Note 3 to both standards (abbrev.): If LRFD is required, then use ASTM C1577
 - i. Based on TS Chair survey from 2010 to allow time to move over to ASTM's and then consider eliminating
 - ii. Summary from March 9th TS Chair e-mail:
 - 1. New Survey, ie eliminate?
 - a. OK to eliminate: (14) AR, MT, NC, SC, CT, UT, SD, KY, DC, NY, MN, FL, CO, DE
 - b. No (5) AK: No – ASTM C1566 contains info from AASHTO -Update standards, AL – No, update standards, MD – No – update standards, PA: No (based on comments)
 - c. ACPA – Feds – after 2010, projects with federal funds must be LRFD compliant (design)
 - i. Discussion
- H. Proposed New Task Forces
- I. Standards Requiring Reconfirmation
 - i. None
- J. SOM Ballot Items (including any ASTM changes/equivalencies)
- K. TS Ballot items
 - i. Wire/Welded wire fabric
 - 1. M33 (wire) and M55 (WWF) have been withdrawn
 - a. ASTM standards combined into ASTM A 1065
 - i. Discussion

VI. Open Discussion

VII. Adjourn