



SUBCOMMITTEE ON MATERIALS
Mid-Year Web Meeting
Wednesday January 17, 2:00 – 4:00 PM EST

TECHNICAL SECTION 4a
Rigid Pipe

- I. Call to Order and Opening Remarks
 - Chair: Chris Peoples (NCDOT) – Vice Chair: Darin Tedford (Nevada)

- II. Roll Call
 - A. (Spreadsheet – TS Voting members)
 - i. Others

1. Announce

- a. Pls e-mail Kathryn Malusky Kmalusky@ashto.org

Individual Name	Agency Name	Designation	Member Type	In Attendance
Tedford, Darin P	Nevada Department of Transportation	Vice Chair	Voting	X
Trautman, Brett Steven	Missouri Department of Transportation	Member	Voting	X
Tobias, Daniel H	Illinois Department of Transportation	Member	Voting	X
Douds, Richard	Georgia Department of Transportation	Member	Voting	
Ingram, Steven	Alabama Department of Transportation	Member	Voting	
Stolarski, Phil J	California Department of Transportation	Member	Voting	X
Burch, Paul	Arizona Department of Transportation	Member	Voting	X
Lane, Becca	Ontario Ministry Of Transportation	Associate Member	Voting	
Peoples, Chris A	North Carolina Department of Transportation	Chair	Voting	X
San Angelo, Michael	Alaska Department of Transportation and Public Facilities	Member	Voting	

Farley, Paul M	West Virginia Department of Transportation	Member	Voting	
Babish, Charles A.	Virginia Department of Transportation	Member	Voting	X
Egan, Brian	Tennessee Department of Transportation	Member	Voting	X
Zwanka, Merrill E	South Carolina Department of Transportation	Member	Voting	X
Robinson, Joseph S	Pennsylvania Department of Transportation	Member	Voting	
Baresinsky, Richard A	Kansas Department of Transportation	Member	Voting	X
Bradbury, Rick L	Maine Department of Transportation	Member	Voting	
Fung, Clement	Massachusetts Department of Transportation	Member	Voting	X
Seward, Kenny R.	Oklahoma Department of Transportation	Member	Voting	
Syslo, Mick	Nebraska Department of Transportation	Member	Voting	
Hanczaryk, Paul Andrew	New Jersey Department of Transportation	Member	Voting	X
Miller, Daniel Ian	Ohio Department of Transportation	Member	Voting	X

Additional Attendees: [Katheryn Malusky \(AASHTO\)](#), [Ryan Fragapane \(AASHTO\)](#), [Greta Smith \(AASHTO\)](#), [Henry Lacinak \(AASHTO\)](#), [Craig Wilson \(AZ DOT\)](#), [Brian Ikehara \(HI DOT\)](#), [Jesus Sandoval-Gil \(AZ DOT\)](#), [kyle Cauffman \(WI DOT\)](#), [Mike Doran \(TN DOT\)](#), [Joe Kerstetter \(TN DOT\)](#), [Jimmy Scales \(TN DOT\)](#), [Danny Lane \(TN DOT\)](#), [Oliver Delery \(Forterra\)](#), [Kim Spahn \(ACPA\)](#), [Paul Lukkarila \(CALTRANS\)](#), [Hal Schilling \(Forterra\)](#), [Dennis Dvorak \(FHWA\)](#), [Jon Sirrianni \(AASHTO\)](#), [Don Streeter \(NYS DOT\)](#),

III. Approval of Technical Section Minutes

- Distributed August 16, 2017 (attached)
 - Motion to approve the minutes as distributed and second
 - Discussion
 - Vote
- [Motion made by NV, seconded by OH. All were in favor of approving the minutes.](#)

IV. Old Business

A. SOM Ballot Item

- a. Appendix – AASHTO T 244 Standard test method for Mechanical Pull Testing of Wire and Welded Wire Reinforcement for Concrete Pipe and Precast Products.
 - i. Handed off to TS 4F (Merrill Zwanka)

[This was added as an appendix to M244 and balloted in 2017. It has passed ballot. Minor comments do need to be addressed, which will be addressed during the TS 4f webinar on Monday.](#)
- b. No rolling ballot for TS4a this year.

B. TS letter ballots

- i. [None - received](#)

C. Task Force/Work Group Reports

- i. AASHTO M259 and AASHTO M 273
 - 1. Workgroup 16-01 (AL, AK, MD, PA) – Need to discuss and reconvene the task force with updated membership. Josh Beakley from ACPA has comments that will need to be addressed (attached) and there were a couple other comments that should be as well (attached). I'd like to hear from the TF if they are still able to be active and if there are any others who would like to be added. Below is what occurred in the minutes:
 - a. Horwhat updated everything for workgroup review but the designs.
 - b. Updating to AASHTO LRFD for standard designs
 - c. PennDOT Bridge Design section performing designs
 - i. Did design review for ASTM C 1577
 - d. When completed will go to TS ballot

ACPA: They would like to participate with reviewing these changes. They will check in with PA's Bridge Engineer to see what they can assist with.

IL: They have implemented C1577. Their Bridge Office has an interest in making this into an AASHTO standard. Can there be a harmonization between the AASHTO and ASTM standard? PA remembers there being a discussion of having these two separate be left as separate standards. Horwhat is in agreement to form a task force for the harmonization of these standards. (Task Force 1 formed for this call)

 - None of the states on this task force were on the call. The revisions for AASHTO M 259 were distributed prior to this call. The Chair reached out to ACPA and NC DOT and he incorporated their comments into the document that was sent out. These comments were reviewed during the call. The Chair believes we need to ballot M 259, but some work needs to be done with this specification first. Josh with ACPA will be added to this task force. He is going to work with PennDOT to come up with a cleaner draft that will include these comments. The draft will then be sent out to the members of this task force. Volunteers added to this task force during this call- Dan (IL) and Chris (NC). Dan doesn't want AASHTO to diverge too much from ASTM. A call will be scheduled within the next couple weeks for this task force.

V. New Business

- A. Research Proposals
 - i. Brian Egan (TN):
 - 1. Any new proposals? None
 - 2. Any new ideas? None
- B. AMRL/CCRL Issues
 - i. Any? None
- C. NCHRP Issues
 - i. Any? None
- D. Correspondence, calls, meetings
 - i. Any? Chris Peoples worked closely with Bob Horwhat and ACPA to come up to speed with current activities in this tech section.
- E. Proposed New Standards

- i. Any? None
- F. Proposed/Needed New Task Forces/Work Groups
 - i. **Action Item:** Harmonization work group for the purpose of looking at C1577 and M 259. Will be discussed in greater detail in August. (16-01 will remain active)
- G. Standards Requiring Reconfirmation (and Queries): No standards require confirmation
 - i. M 175
 - ii. T 280
 - iii. T281

Katheryn will send Chris the stewards for these standards

- H. SOM Ballot Items (including any ASTM changes)
 - i. Proposed future TS ballot revisions
 - 1. Remove AASHTO M273
 - 2. Replace with updated AASHTO M259 – AASHTO LRFD
 - 3. Proposal: Remove all references to AASHTO WWR specs that have been withdrawn
 - a. M 32M/M 32, Steel Wire, Plain, for Concrete Reinforcement
 - b. M 55M/M 55, Steel Welded Wire Reinforcement, Plain, for Concrete

SC: These standards haven't been removed yet, but have been combined into one standard. This passed the full committee ballot.

- i. Impacted standards:
 - 1. M 170M/ M170
 - 2. M 199M/M190
 - 3. M206M/M206
 - 4. M242M/M240
 - 5. M259
 - a. Replace with ASTM A 1064 - Wire and WWR
 - i. Add reinforcing bars (A615/A706) to M 259
SC: M31 has some wording to include weldable. This is the only change TS 4f made. The Chair will let Deb Kim know these revisions need to be completed by the AASHTO Publications team.
- c. Propose to revise Section 6.4.2 of AASHTO T280: *Moisture Conditioning*—unless the agency for which the testing is being done directs otherwise, the core test specimens shall be submerged in lime-saturated water in accordance with the provisions of T 24M/T 24.
 - i. T 24 does not currently allow for immersion in water.
 - ii. Have proposed to add this and correction factors from ACI 214 to T24 in TS 3C.

VA: A TS ballot will go out this spring and then pending the outcome, these changes will be taken to the full SOM ballot next fall. Andy (VA DOT) mentioned this came from TS 3c, which impacted T 280. Revise the specs to allow this moisture conditioning method. These changes were sent out for ballot last spring. The result of this ballot was those negatives were found persuasive and PennDOT reviewed their proposed changes and T 24 was not revised. The proposed changes were withdrawn because they didn't make it through the tech section. Therefore no further work needs to be done with T 280.

I. Proposed TS name change:

i. Revise from 'Rigid Pipe' to 'Concrete Drainage Structures'

1. No other recommendations were received as requested in August minutes

a. **Action Item:** How what will email the voting members to ask them if they are in agreement with this change or if they have other suggestions.

b. TN: What about Rigid Concrete Drainage Structures?

- The Chair proposed to change the name of this tech section to Rigid Drainage Structures. All were in favor.

VI. **Open Discussion**

-None

VII. **Adjourn**