

**Technical Section 4f
AASHTO Subcommittee on Materials
Structural Components
2013 WEBINAR**

MINUTES – March 21, 2013

ATTENDANCE and 2012 MINUTES APPROVAL – See Minutes of Technical Section 4g.

I. Old Business

A. 2012 SOM Ballot Items - all concurrent ballot items

#/ Standard/Category	Votes		ACTION
	AFFIRM	NEG (NOTE: 5 States did not vote)	
#91: Concurrent ballot item to revise T 244 / A 370-12 Mechanical Testing of Steel Products . General clarification of wording in several areas, added cross sectional hardness test for high-strength nuts. <ul style="list-style-type: none"> • Revised Section 8.3 • Corrected Figure 3, note 7 • Deleted Section 8.6.1 • Revised Section 16.4.3 • Revised Section A3.2.1.4 • Added new Section A3.4.2 & Fig A3.6 	47	0	APPROVED – Changes Made
#92: Concurrent ballot item to revise M 292/A 194-12 Carbon and Alloy Steel Nuts for High-Pressure and High-Temperature Service Clarified requirements on Grade 1 and 2 nuts. Revised certification and product marking to conform to ASTM A962. <ul style="list-style-type: none"> • Revised Section 6.3.1 • Revised Section 12 and 13 	46	1	APPROVED – Negative withdrawn based on adding editorial wording to section 13.1. Changes made to Materials Library document
#93: Concurrent ballot item to revise M 227/ A 663, Steel Bars, Carbon, Merchant Quality, Mechanical Properties: Removed exemption from testing certain shapes. <ul style="list-style-type: none"> • Deleted Section 6.2 and 7.1.6 	47	0	APPROVED-Changes Made
#94 : Concurrent ballot item to adopt a new Provisional Specification: Standard Specification for Fiber-Reinforced Polymer Composite Materials	47	0	APROVED – New Provisional MP 22

Editorial Changes Made and Negative were resolved before the meeting.

B. Previous Year TS letter ballot - T243 & M202 reconfirmed in August 2012 by TS ballot

C. ASTM Changes

i. Jointly-owned standards with ASTM changes:

AASHTO	Current ASTM version of AASHTO spec	Latest ASTM		
T244// A370 Mechanical Testing of Steel Products	- 2012	- 2012a	(1) Revised Sections 9.2, 15.3, 23.3, and 4.2, for clarification. (2) Added new Section 3, Significance and Use.	
M292M/M292 / /A194/A194M Carbon and Alloy Steel Nuts for Bolts for High-Pressure or High-Temperature Service, or Both	-2012	-2012a	(1) Revised 8.1.3.1 to permit use of electromagnetic hardness testing. (2) Added Supplementary Requirement S10.	

Move forward with a Concurrent Ballot – Motion by GA 2nd TN – Motion Passed.

ii. ASTM standards that we are tracking- ones with changes in the past year:

ASTM	Previous AASHTO
A6-2012a General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling	M160 General Requirements for Steel Plates, Shapes, Sheet Piling, and Bars for Structural Use
E23-2012c Notched Bar Impact Testing of Metallic Materials	<ul style="list-style-type: none"> This Standard was deleted in 2011. T266 Notched Bar Impact Testing of Metallic Materials (CVN)

Current ASTM changes were not available now. These standards (M160 and T 266) have both been discontinued by AASHTO since they were Cs that were identical to the ASTM versions. This information was provided in the webinar to remind the stewards of M-160 TS to check for any changes in the ASTM which may require AASHTO changes to maintain equivalency. be an issue to AASHTO. If we do have an issue with a ASTM standard we can try to make changes through the ASTM process.

D. Task Forces

None

E. Standards Requiring Reconfirmation in 2012 -

- i. M 314-1990(08)
- ii. M255M/M 255-05(2008) //ASTM A675/A675M

Move forward with Tech Section Ballot.

F. ASTM Updates

- i. Dean Krouse and Jim Schoen (Nucor-Yamato Steel)

- 1. AASHTO Subcommittee on Bridges T14

No changes since last year so we are currently working off the same documents. Revise scope to include Sharp-V notch test into the body of the document. Also to revise to include tube steel.

ASTM proposal for a new spec for tubular members to be used in bridges – has gone through subcommittee ballot and will be on mail ballot soon.

Boron balloted on A 6 products – there is a negative on at this time.

G. 2013 Ballot Items

- i. T244// (A370)
- ii. M292M/M292 //(A194/A194M)

Tech Section ballot for reconfirmation.

TS 4f Ballot Items

Num.	Ballot Item	SOM	Concurrent
1	Concurrent ballot item to revise T244. See pages 2-3 and 5-156 of the minutes.		X
2	Concurrent ballot item to revise M292M/M292. See pages 2-3 and 157-190 of the minutes.		X