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

I. Old Business
   A. 2012 SOM Ballot Items - all concurrent ballot items

<table>
<thead>
<tr>
<th>#/ Standard/Category</th>
<th>Votes</th>
<th>ACTION</th>
</tr>
</thead>
</table>
| #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.  
  • 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.  
• 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• Revised Section 12 and 13 | 46 | 1 | APPROVED – Negative withdrawn based on adding editorial wording to section 13.1.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.  
• 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 | APPROVED – 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:

<table>
<thead>
<tr>
<th>AASHTO</th>
<th>Current ASTM version of AASHTO spec</th>
<th>Latest ASTM</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>T244// A370</td>
<td>- 2012</td>
<td>- 2012a</td>
<td>(1) Revised Sections 9.2, 15.3, 23.3, and 4.2, for clarification.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(2) Added new Section 3, Significance and Use.</td>
</tr>
<tr>
<td>M292M/M292</td>
<td>-2012</td>
<td>-2012a</td>
<td>(1) Revised 8.1.3.1 to permit use of electromagnetic hardness testing.</td>
</tr>
<tr>
<td>/A194/A194M</td>
<td></td>
<td></td>
<td>(2) Added Supplementary Requirement S10.</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>ASTM</th>
<th>Previous AASHTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>A6-2012a</td>
<td>M160 General Requirements for Steel Plates, Shapes, and Bars for Structural Use</td>
</tr>
<tr>
<td></td>
<td>• This Standard was deleted in 2011.</td>
</tr>
<tr>
<td>E23-2012c</td>
<td>T266 Notched Bar Impact Testing of Metallic Materials (CVN)</td>
</tr>
</tbody>
</table>
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. 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)


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 Sharpy-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**

<table>
<thead>
<tr>
<th>Num.</th>
<th>Ballot Item</th>
<th>SOM</th>
<th>Concurrent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Concurrent ballot item to revise T244. See pages 2-3 and 5-156 of the minutes.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2</td>
<td>Concurrent ballot item to revise M292M/M292. See pages 2-3 and 157-190 of the minutes.</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>