

**T-1**

**AASHTO Technical Committee for Bridge Security and Hazards**

**Broadway 1&2**

**Wahid Albert, Chair**  
April 21, 2015 | 8:00 am – 12:00 pm

8:00 am	Introductions	<b>Wahid Albert, Chair</b>
8:05 am	Approval of 2/25/2015 Midyear Meeting Minutes, Utah	
8:10 am	FHWA Updates	
8:30 am	Redundancy in Long Span Bridges for Risk Mitigation in a Multi-Hazard Environment	<b>Dr. Michel Ghosn</b> City College of New York
9:15 am	Wave Action Bridge Vulnerability	<b>Jeff Pouliotte, FDOT</b> <b>Phil Dompe, Intra Inc</b> <b>Atiq Alvi, T. Y. Lin International</b>
10:00 am	BREAK	
10:30 am	Multi-hazard Design Framework for Bridges	<b>Dr. George C. Lee,</b> University of Buffalo <b>Dr. Thomas Murphy,</b> Modjeski and Masters
11:15 am	Comparative Analysis Reports on Bridge Security	<b>Greg Jizba, US Army Corps</b> of Engineers <b>Ray Cotton, Transportation</b> Security Administration
12:00 pm	Adjourn	<b>Wahid Albert, Chair</b>

**T-2**

**AASHTO Technical Committee for Bearings and Expansion Devices**

**Broadway 1&2**

**Keith Fulton, Chair**  
April 21, 2015 | 1:00 pm – 4:00 pm

1:00 pm	Welcome and Introductions	<b>Keith Fulton, Chair</b>
1:10 pm	NCHRP 12-100 Guidelines for Maintaining Small Movement Bridge Expansion Joints – Research Update	<b>Dr. Dennis Mertz,</b> University of Delaware
1:30 pm	Specification Reviews - Joints	<b>Dr. Sougata Roy, Lehigh University</b>
2:20 pm	T-2 Strategic/Work Plan Development – Input from committee, State DOT's, manufacturers, consultants	<b>Keith Fulton, Chair</b>
4:00 pm	Adjourn	

**T-3**

**AASHTO Technical Committee for Seismic Design**

**Saratoga 1**

**Rich Pratt, Chair**  
April 20, 2015 | 8:00 am – 12:00 pm

8:00 am	Welcome and Introductions	<b>Rich Pratt, Chair</b>
	NYDOT Approach to Seismic Design	<b>Matthew Royce, NYSDOT</b>
	ABC Steel Bridge System and Use of UHPC for Seismic Application	<b>Atorod Azizinamini, ABC-UTC</b>
	Research Results for the Grouted Splice Sleeve Coupler	<b>Chris P. Pantelides,</b> University of Utah
	Recent Findings from Earthquake Studies of Bridges with ABC Connections and Innovative Materials Research	<b>M. Saiid Saiidi,</b> University of Nevada, Reno

**T-4**

**AASHTO Technical Committee for Construction**

**Saratoga 1**

**Carmen Swanwick, Chair**  
April 21, 2015 | 1:00 pm – 5:00 pm

1:00 pm	Welcome and Introductions	<b>Carmen Swanwick, Chair</b>
1:10 pm	<b>Old Business:</b> <ul style="list-style-type: none"> <li>Approval of 12/02/2014 Mid-Year Meeting Minutes</li> <li>Other old business?</li> </ul>	<b>Wayne Symonds, Vice-Chair</b>
1:20 pm	<b>Ballot Items:</b> <ul style="list-style-type: none"> <li>T-10/T-4: WAI 185 – equilibrium density _____</li> <li>T-4: Stress-relieved strands _____</li> <li>T-2/T-4: Appendix A19 – fatigue revisions _____</li> <li>T-4/T-14: DTI testing, installation, and inspection _____</li> <li>T-4/T-14: Section 11, Various Articles _____</li> <li>T-14: Section 6, Articles 6.4.1, C6.4.1, and 6.12.2.2.2, structural tubing _____</li> <li>T-14: Section 6, Articles 6.13.2.4.2 and 6.13.2.6.6, larger hole size for bolting field splices _____</li> </ul>	<b>Bill Dreher</b> <b>Wayne Seger</b> <b>Paul Santo/Keith Fulton</b> <b>Mike Grubb</b> (30 minutes for all 4 items) <b>Mike Grubb</b> <b>Mike Grubb</b> <b>Mike Grubb</b>
2:45 pm	Strategic Plan/Tasks Update from Other Committees	<b>Mary Lou Ralls Newman</b> T-4 Liaisons
3:00 pm	<b>Discussion Topics:</b> <ul style="list-style-type: none"> <li>ABC Road Map and Definitions _____</li> <li>Ohio Bridge Collapse During Construction _____</li> <li>Alternative Delivery Methods _____</li> <li>Bridge Preservation National Working Group _____</li> </ul>	<b>Ahmad Abu-Hawash</b> <b>Matthew Chynoweth</b> <b>Wayne Symonds</b> <b>Kevin Goeden</b>
3:30 pm	<b>Research Update and Needs:</b> <ul style="list-style-type: none"> <li>Report No. UT-14.09, Seismic Evaluation of Grouted Splice Sleeve Connections for Precast RC Bridge Piers in ABC, October 2014 _____</li> <li>NCHRP 20-07/Task 294 Temporary Works Updates _____</li> <li>NCHRP 12-98 Tolerances/Dynamic Effects &amp; NCHRP 12-102 ABC Guide Spec _____</li> <li>NCHRP 20-07 Guidelines for Design and Construction of Temporary Bridges (2014) _____</li> <li>NCHRP 20-07 Alternative Delivery Methods _____</li> <li>Other research updates or needs?</li> </ul>	<b>Chris Pantelides</b> (15 minutes) <b>John Duntemann, PI</b> (10 minutes) <b>Mike Culmo, PI</b> (10 minutes) <b>Matthew Chynoweth</b> <b>Wayne Symonds</b>
4:05 pm	FHWA / TRB ABC Subcommittee Update	<b>Ben Beerman</b>
4:15 pm	ABC-UTC Update	Atorod Azizinamini
4:25 pm	CDR Bridge Systems Presentation	<b>Matthew Macey</b>
4:40 pm	Bridge Project – Construction Case Study	David Winstead -Tentative
4:55 pm	Other Business	<b>Committee</b>
5:00 pm	Adjourn	

**T-5**

**AASHTO Technical Committee for Loads and Load Distribution**

**Saratoga 2**

**Sue Hida, Chair**  
April 21, 2015 | 1:00 pm – 5:00 pm

1:00 pm	Welcome and Introductions	<b>Sue Hida, Chair</b>
1:05 pm	Minutes of past meetings	<b>Lubin Gao, FHWA Ex-Officio</b>
1:15 pm	Strength IV Commentary (T5 WAI 32)	
1:30 pm	<b>Updating of Wind Loads</b> <ul style="list-style-type: none"> <li>• 2015 Agenda Item</li> <li>• 2016 Agenda Item</li> </ul>	In-service, only (T5 WAI 33) During construction
2:15 pm	BREAK	
2:45 pm	<b>Updates</b> <ul style="list-style-type: none"> <li>• FHWA</li> <li>• LTBPP</li> <li>• USDOT Truck Study</li> </ul>	<b>Lubin Gao, FHWA Ex-Officio</b> <b>Dennis Mertz, Univ. of Del.</b> (tentative)
3:00 pm	NCHRP 12-90 “Guidelines for Shielding Piers”	<b>Malcolm Ray, RoadSafe LLC</b>
3:20 pm	NCHRP 12-92 “Proposed LRFD Bridge Design Specs for Lightrail Transit Loads”	<b>Waseem Dekelbab,</b> National Science Academy
3:30 pm	Update on Refined Analysis Manual (FHWA Co-op Task 8)	<b>Tom Murphy, Modjeski &amp; Masters;</b> <b>Brian Kozy, FHWA</b>
4:00 pm	T5 Activity Report, Work Plan	
4:30 pm	T5 Activity Report, Work Plan	
5:00 pm	Adjourn	

**T-6**

**AASHTO Technical Committee for Fiber Reinforced Polymer Composites**

**Broadway 1&2**

**Wayne Frankhauser, Chair**  
April 20, 2015 | 1:00 pm – 5:00 pm

1:00 pm	Welcome and Introductions	<b>Matt Chynoweth, Vice Chair</b>
1:15 pm	AASHTO Innovations Initiative Carbon Fiber Prestressing Lead States Team	<b>Matt Chynoweth, Vice Chair</b>
1:45 pm	NCHRP 12-97 – LRFD guide specification for CFRP prestressing and post tensioning – research update	<b>Dr. Abdeldjelil Belarbi</b> University of Houston
3:00 pm	EC6 high modulus CFRP research update	<b>Dr. Amir Mirmiran</b> Florida International University
3:45 pm	Tentative – Near Surface Mounted (NSM) retrofits for concrete members, or GFRP serviceability after long term fatigue testing	Kettering University at Buffalo or Aslan FRP Corporation
4:30 pm	Future Items/Ballot Items/Discussion	<b>Matt Chynoweth, Vice Chair</b>



**T-7**  
**Saratoga 1**

**AASHTO Technical Committee for Guardrail and Bridge Rail**

**Tim Keller, P.E.,** Chair  
April 21, 2015 | 8:00 am – 12:00 pm

8:00 am	Welcome and Introductions	<b>Tim Keller, Chair</b>
8:15 am	Administrative Actions	<b>Tim Keller, Chair</b>
8:30 am	“Bridge Rail Design Procedures” Research being done at University of Alabama at Birmingham	<b>Dr. Dean Sicking, UAB</b>
9:30 am	Task Force 13 Update	<b>Tim Keller, Chair</b>
9:45 am	Technical Committee on Roadside Safety (TCRS) Update	<b>Paul Fossier, LA</b>
10:00 am	<b>BREAK</b>	
10:15 am	Update on NCHRP 12-90 Bridge Pier Protection	<b>Christine Carrigan &amp; Malcom Ray, RoadSafe LLC</b>
10:45 am	Update on NCHRP 22-12(03) Bridge Rail Selection Guide _____ States Report out on using Bridge Rail Selection Guide _____ Discussion on Implementation of NCHRP 22-12(03) _____	<b>Christine Carrigan &amp; Malcom Ray, RoadSafe LLC</b> T-7 Committee T-7 Committee
11:45 am	New Business	<b>Tim Keller, Chair</b>
12:00 pm	Adjourn	

**T-8**  
**Broadway 1&2**

**AASHTO Technical Committee for Movable Bridges**

**Paul Fossier, P.E.,** Chair  
April 20, 2015 | 8:00 am – 12:00 pm

8:00 am	Welcome, Introductions and Agenda	<b>Paul Fossier, Chair</b>
8:10 am	Approval of minutes from 2014 Columbus, Ohio	<b>Earl Dubin, FHWA</b>
8:15 am	Editorial Changes-LRFD Movable Design Spec. and new proposal for NCHRP research for design code	<b>Paul Fossier, Chair</b>
8:25 am	Status Update on Span Lock Research Contract 6.8.1.5.1	<b>Jim Phillips, H &amp; H</b>
8:50 am	Status Update for Proposed Revisions to AASHTO Movable Bridge Inspection, Evaluation and Maintenance Manual, NCHRP Project 14-32 (Part 1) <ul style="list-style-type: none"> <li>• Improvements to the Manual: photos, bookmarks.</li> <li>• Suggested Types and Scopes of Inspections, Inspector Qualifications</li> <li>• Proposed Revisions to Inspection Procedures: resiliency, wire rope retirement criteria, span balance, medium voltage equipment, normalizing data</li> </ul>	<b>Scott Snelling, PB</b>
10:00 am	Status Update for Proposed Revisions to AASHTO Movable Bridge Inspection, Evaluation and Maintenance Manual, NCHRP Project 14-32 (Part 2) <ul style="list-style-type: none"> <li>• Part 3 - Proposed Movable Bridge Element Descriptions</li> <li>• Appendix A – Suggested Inspection Forms</li> <li>• Resources Needed for Implementation: pilot project, training class</li> </ul>	<b>Scott Snelling, PB</b>
10:45 am	Status Update on NCHRP 20-07/Task 348, Review, Summarize and Update Needs of the AASHTO LRFD Movable Bridge Design Specifications <ul style="list-style-type: none"> <li>• Outline of Proposed Areas of AASHTO LRFD Movable Bridge Design Specifications for Future Updates</li> <li>• Proposed Approach for Applying Reliability-Based Design for Mechanical, Electrical, and Traffic/Marine Safety Systems for Movable Bridges</li> </ul>	<b>Scott Snelling, PB</b>
11:15 am	Florida DOT Research, Lightweight Solid Deck Systems for Movable Bridges.	<b>George Patton, H &amp; H</b>
11:45 am	New Business	<b>Paul Fossier, Chair</b>
12:00 pm	Adjourn	

## T-9

### AASHTO Technical Committee for Bridge Preservation

Saratoga 3

**Bruce Johnson, Chair**

April 21, 2015 | 1:00 pm – 5:00 pm

1:00 pm	Welcome and Introductions	<b>Bruce Johnson, Chair</b>
1:15 pm	Uniform Service Life Design Guide Proposal	<b>Mike Bartholomew, Ch2M Hill</b>
1:45 pm	Corrosion Resistant Reinforcement Options	<b>Ken Walus, VA DOT</b>
2:15 pm	SHRP2 R-19A, 100-year Service Life Guide Implementation Update	<b>Matt DeMarco, AASHTO</b>
2:30 pm	Ohio DOT Bridge Preservation Program	<b>Ken Walus, VA DOT</b>
3:00 pm	BREAK	
3:15 pm	FHWA Long Term Bridge Program Update	<b>Sue Lane, FHWA</b>
3:30 pm	SCOM Bridge Working Group Update	<b>Dave Miller, LA DOT</b>
3:45 pm	National Steel Coatings Working Group Update	<b>Jeff Pouliotte, FL DOT</b>
4:00 pm	National Bridge Deck Preservation Working Group Update	<b>Mike Johnson, CA DOT</b>
4:15 pm	TSP2 Regional Partnerships and Preservation Roadmap Update	<b>Ed Welch, TSP2</b>
4:30 pm	T-9 Business Session	<b>Bruce Johnson, OR DOT</b>

## T-10

### AASHTO Technical Subcommittee for Concrete Design

Saratoga 2

**Loren Risch, Chair**

April 21, 2015 | 8:00 am – 12:00 pm

8:00 am	Welcome and Introductions	<b>Loren Risch, Chair</b>
8:15 am	Lightweight Concrete	<b>Dr. Benjamin Graybeal FHWA</b>
8:45 am	T-10 WAI 174 Lightweight Concrete & WAI 185	<b>T-10</b>
9:00 am	Changes to the Strut and Tie Method (STM)	<b>Dr. Oguzhan Bayrak</b> University of Texas, Austin
9:30 am	T-10 WAI for STM	<b>STM</b>
9:45 am	BREAK	
10:15 am	Final T-10 WAI's	<b>T-10</b>
11:15 am	Announcements	<b>Loren Risch, Chair</b>
11:30 am	Adjourn	

## T-11

### AASHTO Technical Committee for Research

Broadway 3&4

**David Juntunen, Chair**

April 21, 2015 | 1:00 pm – 5:00 pm

1:00 pm	Welcome and Introductions	<b>David Juntunen, Chair</b>
1:30 pm	FHWA Bridge Research Update	<b>Benjamin Graybeal</b>
2:00 pm	Update on Ongoing Research	<b>Waseem Dekelbab</b>
2:30 pm	Research Update	<b>TBD</b>
3:00 pm	BREAK	
3:30 pm	Committee Closed Session – Finalize Recommendation	
5:00 pm	Adjourn	

**T-12**

**Saratoga 1**

**AASHTO Technical Committee for Structural Supports for Signs, Luminaires and Traffic Signals**

**Barry Benton, Chair** | April 20, 2015 | 1:00 pm – 5:00 pm

1:00 pm	Welcome and Introductions	<b>Barry Benton, Chair</b>
1:10 pm	Minutes to last year's meeting	<b>Barry Benton, Chair</b>
1:15 pm	<b>LRFD SLTS</b> <ul style="list-style-type: none"> <li>• Answers to Questions</li> <li>• Editorial Changes</li> <li>• Training</li> <li>• Future ballot items</li> </ul>	<b>Norm McDonald, Vice-Chair</b> <b>Jay Puckett</b>
2:15 pm	<b>BREAK</b>	
2:45 pm	Review of 2015 Aluminum Design Manual	<b>TBD (Tentative)</b>
3:15 pm	T12 Activity Report, Work Plan	<b>Barry Benton, Chair</b>
3:45 pm	<b>Research Topics</b> <ul style="list-style-type: none"> <li>• Recap of TRB Workshop #166 _____ <b>Hannah Cheng</b></li> <li>• Previous T-12 endorsed research projects _____ <b>TBD</b></li> <li>• Anchor Rod and End Plate bolted Connection Tightening Procedures _____ <b>Hannah Cheng</b></li> </ul>	
4:00 pm	Adjourn	

**T-13**

**Broadway 3&4**

**AASHTO Technical Committee for Culverts**

**Ray Trujillo, Acting Chair**  
April 21, 2015 | 8:00 am – 12:00 pm

8:00 am	Welcome and Introductions	<b>Ray Trujillo, Acting Chair</b>
8:15 am	Approve Minutes from 2014 Meeting	<b>Ray Trujillo, Acting Chair</b>
8:25 am	Presentation	<b>TBD</b>
8:55 am	Presentation	<b>TBD</b>
9:15 am	<b>BREAK</b>	
9:35 am	Presentation	<b>TBD</b>
10:05 am	Future Items/Ballot Items/Discussion	<b>Ray Trujillo, Acting Chair</b>
12:00 pm	Adjourn	

**T-14**

**AASHTO Technical Committee for Structural Steel Design**

**Saratoga 2**

**Norm McDonald, Chair**  
April 20, 2015 | 8:00 am – 12:00 pm

8:00 am	Welcome and Introductions	<b>Norm McDonald, Chair</b>
8:10 am	Proposed Revisions to LRFD BDS Sections 2 & 3	<b>Dr. John Kulicki,</b> Modjeski and Masters
8:30 am	Proposed Revisions to LRFD BDS Section 6	<b>Mike Grubb</b>
8:50 am	NSBA TG-16 Orthotropic Decks	<b>Duncan Paterson, HDR</b>
9:00 am	Engineering For Stability in Bridge Construction	<b>Brian Kozy, FHWA</b>
9:20 am	Research Update: Projects Focused on FC's and Redundancy	<b>Dr. Robert Connor,</b> Perdue University
10:00 am	BREAK	
10:20 am	Folded Steel Plate Girder System	<b>Matthew Macey,</b> CDR Bridge Systems
10:50 am	Steel Bridge Technology: Improvements and Needs	<b>Ronnie Medlock,</b> High Steel Structures
11:25 am	Strategic Implementation Plan	<b>Carly Puzey, Illinois DOT</b>
11:45 am	Research Needs	Committee
12:00 pm	Adjourn	

**T-15**

**AASHTO Technical Committee on Substructures and Retaining Walls**

**Saratoga 3**

**Jawdat Siddiqi P.E., Chair**  
April 21, 2015 | 8:00 am – 12:00 pm

8:00 am	Introductions and Opening Remarks	<b>Jawdat Siddiqi P.E., Chair</b> Ohio Department of Transportation
8:10 am	SHRP2 R19B: Bridges for Service Life beyond 100 Years: Service Limit State Design for Substructures and Retaining Wall	<b>Dr. Naresh C. Samtani, P.E.,</b> NCS Consultants, LLC
9:10 am	Discussion on SHRP2 R19B Implementation Strategy	<b>Jawdat Siddiqi, P.E., Chair</b> T-15, Ohio Department of Transportation
9:40 am	GEC 7: Design and Construction of Soil Nail Walls	<b>Silas Nichols, P.E., FHWA</b>
10:15 am	BREAK	
10:30 am	Proposed Editorial Changes to the LRFD Bridge Design Specifications	<b>Jawdat Siddiqi, P.E., Chair</b> T-15, Ohio Department of Transportation
10:50 am	Projected Agenda Items on: Key Issues Identified by the MSE Wall Task Force, Scour	<b>Silas Nichols, P.E., FHWA</b>
11:15 am	Closed Session (Subcommittee Members Only) Future Activities	<b>Jawdat Siddiqi, P.E., Chair</b> T-15, Ohio Department of Transportation

**T-16**

**AASHTO Technical Committee for Timber Structures**

**Thomas Macioce, Chair**  
April 20, 2015 | 1:00 pm – 2:00 pm

**Broadway 3&4**

1:00 pm	Welcome and Introductions	<b>Thomas Macioce, Chair</b>
1:10 pm	Approval of Meeting Minutes	<b>Thomas Macioce, Chair</b>
1:20 pm	NRCHP 20-07 Covered Bridge Protection system for over height vehicles	<b>Thomas Macioce, Chair</b>
1:40 pm	Update for Design values to conform to NDS	<b>Thomas Macioce, Chair</b>
1:45 pm	New Business	<b>Thomas Macioce, Chair</b>
2:00 pm	Adjourn	

**T-17**

**AASHTO Technical Committee for Welding**

**Alexander Bardow, Chair**  
April 20, 2015 | 8:00 am – 12:00 pm

**Broadway 3&4**

8:00 am	Welcome and Introductions	<b>Alexander Bardow, Chair</b>
8:05 am	Approval of Minutes from 2014 Columbus, OH Meeting	<b>Alexander Bardow, Chair</b>
8:10 am	SC 10 Committee Report	<b>Ronnie Medlock, SC 10 Vice Chair</b>
8:35 am	FHWA R&D Update	<b>FHWA Representative</b>
9:00 am	T-17 SCOBs Agenda Items Discussion and Voting	<b>Alexander Bardow, Chair</b>
9:15 am	New Vision and Mission Statements for T-17	<b>T-17</b>
10:00 am	BREAK	
10:30 am	T-17 Strategic Roadmap Discussion	<b>T-17</b>
11:30 am	Old Business	<b>T-17</b>
11:40 am	New Business	<b>T-17</b>
11:50 am	Adjourn	<b>Alexander Bardow, Chair</b>



**T-18**

**Saratoga 2**

**AASHTO Technical Committee for Bridge Management, Evaluation, and Rehabilitation**

**Matt Farrar, Chair** | April 20, 2015 | 1:00 pm – 5:00 pm

1:00 pm	Welcome and Introduction of Members	<b>Matt Farrar, Chair</b>
1:05 pm	Approval of 2014 Minutes (Columbus, OH) Approval of 2014 Midyear Minutes (Boise, ID)	<b>Matt Farrar, Chair</b>
1:10 pm	<b>Discussion/Approval of Agenda Items</b> <ul style="list-style-type: none"> <li>• T18-1 SHVs</li> <li>• T18-2 Section 4 Revisions</li> <li>• T18-3 Load Rating Buried Structures</li> <li>• Committee Business, Research, Future Ballot Items</li> </ul>	<b>Matt Farrar, Chair</b>
1:45 pm	<b>FHWA Updates</b> <ul style="list-style-type: none"> <li>• Coding Guide Update</li> <li>• Performance Measures</li> <li>• 23 Metrics Scorecard</li> <li>• Asset Management</li> <li>• Future Funding Acts</li> </ul>	<b>Shay Burrows FHWA</b>
2:15 pm	BrM 5.2 Updates/Progress	<b>Eric Christie</b>
2:40 pm	“Synthesis And Develop Guidance For Monitorable, Replaceable and Assessable Pt Tendons”	<b>Barton Newton</b> Parsons Brinkerhoff
3:00 pm	BREAK	
3:10 pm	Status Update for Proposed Revisions to the AASHTO, Movable Bridge Inspection, Evaluation and Maintenance Manual	<b>Scott Snelling</b> Parsons Brinckerhoff
3:30 pm	NCHRP 20-07 Task 337 Complex Br Insp Procedures	<b>Brian Leshko HDR</b>
3:50 pm	Structural Monitoring	<b>Marybeth Miceli</b> Miceli Infrastructure Consulting
4:10 pm	SHV Posting	<b>Bala Sivakumar HNTB</b>
4:30 pm	Gusset Plate Analysis Pooled Fund Study	<b>Chris Higgins</b> Oregon State University
4:50 pm	Recap	<b>Matt Farrar, Chair</b>
5:00 pm	Adjourn	<b>Matt Farrar, Chair</b>

## T-19

### AASHTO Technical Committee for Software and Technology

**Saratoga 3**

**Scot Becker, Chair**

April 20, 2015 | 8:00 am – 12:00 pm

8:00 am	Welcome and Introductions	<b>Scot Becker, WisDOT, Chair</b>
8:05 am	3D Bridge Design at NYSDOT – State of the Practice	<b>Stephanie Winkelhake,</b> Office of Structures, New York State DOT
8:30 am	Moving towards Civil Integrated Management (CIM) – The Future of 3D Bridge Design at NYSDOT	<b>Troy Soka,</b> Office of Structures, New York State DOT
9:00 am	AASHTO Technology Information Survey	<b>Judy Skeen,</b> AASHTOWare Bridge
9:30 am	AASHTOWare Bridge Design and Rating Software Modernization	<b>Todd Thompson,</b> South Dakota DOT
10:00 am	BREAK	
10:15 am	IOWA 3D Workshop and Findings	<b>Ahmad Abu-Hawash, Iowa</b>
10:45 am	FHWA Bridge Information Modeling Update	<b>Mike Bartholomew AECOM,</b> <b>Roger Grant, National Building Sciences</b>
11:30 am	T – 19 Strategic Plan	<b>Scot Becker, WisDOT, Chair</b>

## T-20

### AASHTO Technical Committee for Tunnels

**Saratoga 3**

**Louis J. Ruzzi, P.E., Chair**

April 20, 2015 | 1:00 pm – 5:00 pm

1:00 pm	T-20 Introductions	<b>Lou Ruzzi, Chair</b>
1:05 pm	AASHTOWARE for Tunnel Inspection coding Guide	<b>Bruce Johnson, Oregon DOT</b>
1:20 pm	NCHRP 20-59(47) Emergency Exit Signs and Marking Systems for Highway Tunnels	<b>Laura Higgins, TTI</b>
1:35 pm	NCHRP 14-27 A guide for preservation of Highway Tunnel Systems	<b>Martha Averso, Gannet Fleming</b>
1:50 pm	NCHRP 20-07 Task 363 Recommended of Guidelines for Emergency Ventilation Smoke control in roadway Tunnels	<b>Waseem Delkebab</b>
2:05 pm	FHWA Update	<b>Bill Bergeson, FHWA</b>
2:35 pm	Update on PennDOT and PA Turnpike Tunnel Projects	<b>Lou Ruzzi, PennDOT</b>
3:05 pm	BREAK	
3:35 pm	Discussion on Fans, Running Man Signs and SPACETECH	<b>Dan Williams, MDTA</b>
3:20 pm	Design of Segmental Tunnel Linings for Serviceability Limit State	<b>Medhi Bakhsi</b> -ACI Committee, AECOM
3:50 PM	Strategic Plan Update	<b>Prasad Nallapneni, Virginia DOT</b>
4:20 pm	Discussion of any outstanding issues	