



COMMITTEE ON BRIDGES AND STRUCTURES 2020 MEETING

Monday June 1st to Friday June 5th, 2020

COMMITTEE	CHAIR	DAY	TIME (EST)	REGISTER
General Session	Carmen Swanwick	Monday	9:00 a.m.– 11:00 a.m.	Registrant Link
T-8 Moveable Bridges	Zhengzheng “Jenny” Fu	Monday	11:00 a.m.– 1:00 p.m.	Registrant Link
T-4 Construction	Cheryl Hersh Simmons	Monday	1:00 p.m.– 3:00 p.m.	Registrant Link
T-2 Bearings/Exp Devices	Carl Puzey	Monday	3:00 p.m.– 5:00 p.m.	Registrant Link
T-9 Bridge Preservation	Jim Nelson	Tuesday	9:00 a.m.– 11:00 a.m.	Registrant Link
T-18 Bridge Mgmt, Eval, Rehab	Matthew Farrar	Tuesday	11:00 a.m.– 1:00 p.m.	Registrant Link
T-5 Loads & Load Distribution	Jeff Robert	Tuesday	1:00 p.m.– 3:00 p.m.	Registrant Link
T-12 Structural Supports	Sam Fallaha	Tuesday	3:00 p.m.– 5:00 p.m.	Registrant Link
T-7 Guardrail & Bridge Rail	Timothy Keller	Wednesday	9:00 a.m.– 11:00 a.m.	Registrant Link
T-10 Concrete Design	Kevin Western	Wednesday	11:00 a.m.– 1:00 p.m.	Registrant Link
T-17 Metals Fabrication	Alexander Bardow	Wednesday	1:00 p.m.– 3:00 p.m.	Registrant Link
T-3 Seismic Design	Richard Pratt	Wednesday	3:00 p.m.– 5:00 p.m.	Registrant Link
T-19 Software & Technology	Ahmad Abu-Hawash	Thursday	9:00 a.m.– 11:00 a.m.	Registrant Link
T-1 Bridge & Tunnel Security	Bernie Carrasco	Thursday	11:00 a.m.– 1:00 p.m.	Registrant Link
T-14 Structural Steel Design	Tom Macioce	Thursday	1:00 p.m.– 3:00 p.m.	Registrant Link
T-15 Substructures/Retaining Walls	Tony Allen	Thursday	3:00 p.m.– 5:00 p.m.	Registrant Link
T-13 Culverts	Jason Hastings	Friday	11:00 a.m.– 1:00 p.m.	Registrant Link
T-20 Tunnels	Lou Ruzzi	Friday	1:00 p.m.– 3:00 p.m.	Registrant Link
T-11 Research	Anne Rearick	Friday	3:00 p.m.– 5:00 p.m.	Registrant Link

Click on your Session

General Session

Carmen Swanwick, Chair

Date: Monday, June 1, 2020

Time: 9:00 AM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/2180720092101014285>

9:00 AM	Welcome	Carmen Swanwick, Chair, Utah DOT Scot Becker, Vice-Chair, Wisconsin DOT
9:10 AM	FHWA Update	Joey Hartmann, FHWA
9:25 AM	Pedestrian Bridge Collapse Over SW 8 th Street, Miami, Florida	Dan Walsh, NTSB Steve Prouty, NTSB
9:55 AM	Poplar Street Bridge Slide	Dennis Heckman, Missouri DOT
10:25 AM	2020 Ballot Items	Tom Macioce, T-14 Chair, Pennsylvania DOT Alex Bardow, T-17 Chair, Massachusetts DOT
10:35 AM	Golf Tournament Update	Tim Keller, Ohio DOT
10:40 AM	2021 Host State – Indiana	Anne Rearick, Indiana DOT

T-1**AASHTO Technical Committee for Bridge and Tunnel Security**

Bernie Carrasco, Chair

Date: Thursday, June 4, 2020

Time: 11:00 AM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/8826139783296967949>

11:00 AM	Welcome and T-1 Roll Call	Bernie Carrasco, T-1 Chair, Texas Dept. of Transportation
11:10 AM	Update on FHWA Training for Bridge Security Training Engineering and Design	Vincent Chiarito, Senior Bridge Engineer, Federal Highway Administration
11:35 AM	Bridge Security Reference Zotero Database	Carrie Davis, P.E.
11:50 AM	Update to Security Guideline Revisions	Eric Williamson, P.E., PhD, Bridge Security Subject Matter Expert, P.E. Structural Consultants, Inc.
12:30 PM	Adjourn	

T-2

AASHTO Technical Committee on Bearings and Expansion Devices

Carl Puzey, Chair

Date: Monday, June 1, 2020

Time: 3:00 PM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/1922943989175544079>

3:00 PM	Welcome and Introductions	Carl Puzey, Illinois DOT & T-2 Committee members
3:10 PM	Ballot Items (delayed until 2021) <ul style="list-style-type: none">• LRFD Design – Article C14.7.6.1• LRFD Construction, Appendix A19 – Articles 5.3.1.2 and 5.3.1.3	Carl Puzey
3:20 PM	Max. centerbeam span for fatigue testing of modular joints – Appendix A19 Article 5.3.4.1.1	Carl Puzey
3:30 PM	Potential disc bearing design and construction specification revisions	Sougata Roy – Sougata Roy, LLC
4:00 PM	AASHTO / NSBA Collaboration G9.1 Steel Bridge Bearing Design and Detailing Guidelines – update	Mike Culmo, CME Engineering
4:15 PM	Adjourn	

T-3**AASHTO Technical Committee on Seismic Design**

Name, Rich Pratt, Chair

Date: Wednesday, June 3, 2020

Time: 3 pm (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/124489312356748557>

3:00	Introductions & Opening Remarks	Rich Pratt, Chair, Alaska DOT&PF
3:05	AASHTO Guidelines for Performance-Based Seismic Bridge Design Ballot Item Comments and Responses	Thomas Murphy, PhD, PE, SE Modjeski and Masters
3:50	Status Update on AASHTO Seismic Specifications for ABC Column Connections (NCHRP 12-105)	Elmer Marx, PE, SE Alaska DOT&PF
4:10	Development of Updated Seismic Hazard Definition – Research Proposal	Rich Pratt, Chair
4:40	Open discussion	T-3 Committee
5:00	Adjourn	

T-4

AASHTO Technical Committee for Construction

Cheryl Hersh Simmons, Chair

Date: Monday, June 1, 2020

Time: 1:00 pm (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/2672735052856819982>

1:00 pm	Welcome and Introductions	Cheryl Hersh Simmons, Chair, Utah DOT
1:10 pm	Old Business: <ul style="list-style-type: none"> Approval of December 2019 Mid-Year Meeting Minutes 	Ahmad Abu-Hawash, Vice-Chair, Iowa DOT
1:15 pm	Research Update and Needs: <ul style="list-style-type: none"> Report by Research Projects and Needs Coordinator (discuss all projects - spreadsheet) TRB ABC Joint Subcommittee 	Ahmad Abu-Hawash
1:30 pm	Presentations/Discussion Topics: <ul style="list-style-type: none"> AASHTO LRFD Bridge Construction Specifications Update AASHTO Guide Specifications for ABC – training development PennDOT's first SPMT move – Shaler St Bridge 	Mark Gaines, Washington DOT Mike Culmo, CME Engineering Lou Ruzzi, Shane Szalankiewicz, and Matt Cochran, Pennsylvania DOT
2:15 pm	Updates: <ul style="list-style-type: none"> FHWA ABC-UTC Other discussion 	Romeo Garcia, FHWA Atorod Azizinamini, FIU Committee
2:40 pm	Other Business: <ul style="list-style-type: none"> 2020 T-4 Mid-Year Meeting 	Cheryl Hersh Simmons
2:45 pm	Adjourn	

T-5

AASHTO Technical Committee on Loads and Load Distribution

Jeffrey Robert, Chair

Date: Tuesday, June 2, 2020

Time: 1:00 pm (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/3363637373426235915>

1:00 PM	Welcome/Introductions	Jeff Robert, Chair, Maryland SHA
1:05 PM	Approval of minutes of past meetings	Lubin Gao, FHWA Ex-Officio
1:10 PM	Approval of Ballot Item -Articles C3.8.1.1.2 - Wind Pressure	Jeff Robert, Chair
1:25 PM	Approval of Ballot Items -Article 2.3.2.2.1, Article 3.4.1, Table 3.4.4-1, Article 3.6.5.1, Article C3.6.5.1 and Article 3.16 related to CT loading	Jeff Robert, Chair
1:45 PM	Approval of Ballot Items -Article 2.8, Article C3.7.4, Article C3.7.5, and Article 3.16 related to hydraulics	Jeff Robert, Chair
1:55 PM	Approval of Ballot Items -Article C4.4, and Article 4.9 related to redundancy in design	Arielle Ehrlich, Minnesota DOT
1:45 PM	Ballot Items - Update of other technical committees work	Jeff Robert, Chair
2:00 PM	Update on planned work for T-5 for 2021	Jeff Robert, Chair
2:15 PM	Adjourn	Jeff Robert, Chair



COMMITTEE ON BRIDGES AND STRUCTURES 2020 MEETING

T-7

AASHTO Technical Committee on Guardrail and Bridge Railing

Tim Keller, Chair

Date: Wednesday, June 3, 2020

Time: 9:00 am (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/8080436703688035597>

9:00 am	Introduction to meeting	Tim Keller, Chair T-7, Ohio DOT
9:15 am	Update on NCHRP 22-42 (Re-write of Chapter 13 Bridge Specifications)	John Holt, Senior Project Manager, Modjeski & Masters
10:15 am	Adjourn	

T-8**AASHTO Technical Committee on Movable Bridges**

Zhengzheng (Jenny) Fu, Chair

Date: Monday, June 1, 2020

Time: 11am (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/6316971785279945231>

11:00	T-8 Committee Report	Jenny Fu, State Bridge Design Engineer, Louisiana DOTD
11:10	The Kercher Contract – Movable Bridge Element Review	David Juntunen, Bridge Management Practice Lead, The Kercher Group, Inc.
11:30	NCHRP 12-112 Update – Update of AASHTO LRFD Movable Highway Bridge Design	Jeff Newman, Director of Mechanical Engineering, Modjeski & Masters
11:50	NCHRP 20-07 Task 424 – Operation of Movable Bridges from Remote Locations	Rob Moses, Regional Transportation Business Group Director, HDR; Raphael Costa, Movable Bridge Program Leader, HDR
12:10	Swing Bridge Construction Phasing – Gasparilla Island Swing Bridge Replacement, FL	Jim Phillips, Bridge Practice Lead, H&H; Henri Sinson, Principle Associate (Senior Structural Engineer), H&H
12:30	Replacement of Rt 7 Wittpenn Vertical Lift Bridge, NJ	Marcos P Loizias, Global Bridge Tech Leader, Jacobs; Lynne Baumann, Senior Project Manager, Jacobs

T-9

AASHTO Technical Committee on Bridge Preservation

Jim Nelson, Chair

Date: Tuesday, June 2, 2020

Time 9:00 AM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/4042443966577404430>

9:00 AM	Welcome, Introductions, T-9 Strategic Plan Update	Jim Nelson, Director, Bridges and Structures Bureau, Iowa Department of Transportation
9:15 AM	FHWA Bridge Preservation/BPETG Update	Raj Ailaney, Senior Bridge Preservation Engineer, Federal Highway Administration
9:30 AM	COM Bridge Technical Working Group Update	David Miller, Chief Maintenance Engineer, Louisiana Department of Transportation and Development
9:45 AM	Bridge Deck Preservation Portal	Dr. Mohamed ElBatanouny, Senior Associate, Wiss, Janney, Elstner Associates, Inc.
10:30 a.m.	FHWA Long Term Bridge Program Update	Dr. Jean Nehme, Team Leader, Long-Term Infrastructure Performance, Federal Highway Administration
10:45 a.m.	Adjourn	

T-10

AASHTO Technical Committee for Concrete Design

Kevin Western, Chair

Date: Wednesday, June 3, 2020

Time: 11 AM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/5498603081544020747>

11:00 AM	Welcome – Roll call for T-10 members	
11:05 AM	UHPC Research Update	Ben Graybeal, FHWA
11:35 AM	Concrete Segmental Design Manual	Gregg Freeby, ASBI Ken Price, WSB
12:05 PM	NCBC Collaboration	Reid Castrodale,
12:20 PM	PCI Update including UHPC Research	William Nickas, PCI
12:40 PM	Committee Meetings/Agenda Items for 2021	Kevin Western, Chair, Minnesota DOT

T-11

AASHTO Technical Committee for Research

Anne Rearick, Chair

Date: Friday, June 5, 2020

Time: 3:00 PM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/8249444835016889101>

3:00 PM	Welcome and Introductions	Anne Rearick, Chair, Indiana DOT
3:10 PM	TRB Structures Collaboration Committee Problem Statement Summary	Domenic Coletti, Chair TRB Structures Collaboration Committee
3:25 PM	TRB Research Update	Waseem Dekelbab, TRB
3:40 PM.	T11 Business Meeting (Closed to Public)	T11 Members
5:00 PM	Adjourn	

T-12

AASHTO Technical Committee for Structural Supports

Sam Fallaha, Chair

Date: Tuesday, June 2, 2020

Time: 3:00 PM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/1366272247209006093>

3:00 PM	Welcome Comments	Sam Fallaha, Chair, Florida DOT
3:05 PM	Present Ballot items with brief background	Sam Fallaha, Chair, Florida DOT
3:10 PM	Proposed Research	Carl J. Macchietto, P.E. Valmont Industries, Inc.
3:20 PM	LRFD LTS Section 6: Aluminum Design, Update Ballot Item 29	Randy Kissell, PE Trinity Consultants
3:50 PM	NCHRP 15-67 Wind Drag Coefficients for Highway Signs and Support Structures	Dr. George Constantinescu, University of Iowa
4:10 PM	Load Estimation for Dynamically Sensitive Structures	Jens Møller-Madsen, PhD, MSc SOH Wind Engineering LLC
4:25 PM	Understanding The Effects of Wind-Induced Vibrations of Tall Flexible Structures	Matthew Peavy, Post Doc, University of Nebraska Dr. Jay Puckett, University of Nebraska
4:55 PM	Concluding Comments, Adjourn	Sam Fallaha, Chair

T-13

AASHTO Technical Committee on Culverts

Jason Hastings, Chair

Date: Friday June 5, 2020

Time: 11:00 AM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/5533932589386849549>

11:00 am	Welcome and Introductions	Jason Hastings, Chair, Delaware DOT
11:10 am	Approval of Minutes <ul style="list-style-type: none">2019 Annual Meeting (Montgomery)	Jason Hastings, Chair
11:15 am	2020-2021 Plan <ul style="list-style-type: none">No in-person mid-year meetings (2020)	Jason Hastings, Chair
11:20 am	Introduction of New Ballot Items	Jason Hastings, Chair
11:40 am	Research <ul style="list-style-type: none">Research UpdateStrategic Research PlanResearch Needs	Jason Hastings, Chair
12:45 pm	Adjourn	

T-14

AASHTO Technical Committee for Structural Steel Design

Thomas Macioce, Chair

Date: Thursday, June 4, 2020

Time: 1:00 PM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/4081623963922131211>

1:00 PM	Welcome and T-14 Roll Call	Tom Macioce, T-14 Chair, Pennsylvania DOT
1:05 PM	Agenda Items 10 and 11; NSBA	Ronnie Medlock, NSBA
1:35 PM	Redundancy of Twin Tub Girders	Rob Connor, Purdue University
2:00 PM	FHWA Update	Justin Ocel, FHWA
2:20 PM	T-14 Research	Tom Macioce
2:30 PM	Future Agenda Items	Mike Grubb, M.A. Grubb & Associates
2:45 PM	Adjourn	Tom Macioce, T-14 Chair

T-15

AASHTO Technical Committee on Substructures and Retaining Walls

Tony M. Allen, P.E., WSDOT, Chair

Date: Thursday, June 4, 2020

Time: 3:00 (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/6842721961639744523>

3:00 PM	Introductions and Opening Remarks	Tony Allen (WSDOT)
3:05 PM	Rewrite and Update of Section 10.4 – Soil and Rock Properties	Dr. Erik Loehr (Dan Brown and Associates)
4:00 PM.	Shaft construction control based resistance factors and related design and construction specifications needed	Dr. Erik Loehr (Dan Brown and Associates) and Tom Shantz (Caltrans)
4:20 PM	Tying resistance factors to type of construction control, or use of load tests, for driven piles	Tony Allen (WSDOT) - lead discussion
4:40 PM.	T15 future planning	T15 Technical Committee

T-17

AASHTO Technical Committee for Metals Fabrication

Alexander Bardow, Chair

Date: Wednesday, June 3, 2020

Time: 1:00 PM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/6782548989005466893>

1:00 PM	Welcome and T-17 Roll Call	Alexander Bardow, T-17 Chair, Massachusetts DOT
1:05 PM	SC 10 Committee Report	Ronnie Medlock, SC 10 Chair
1:35 PM	FHWA Research Update	FHWA
2:05 PM	T-17 Ballot Review (AWS Proforma)	Ronnie Medlock, SC 10 Chair
2:15 PM	Recommendation for Kent Nelson Backfill	Ronnie Medlock, SC 10 Chair Alexander Bardow, T-17 Chair
2:30 PM	Adjourn	Alexander Bardow, T-17 Chair

T-18

AASHTO Technical Committee for Bridge Management, Evaluation and Rehabilitation

Matthew M Farrar, Chair

Date: Tuesday, June 2 2020

Time: 11:00 AM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/409783992243148299>

11:00 AM	Welcome and Introduction of Members	Matt Farrar, Chair
11:05 AM	Approval of 2019 Minutes (Montgomery, AL) Approval of 2019 Midyear Minutes (Boise, ID)	Matt Farrar, Chair
11:10 AM	FHWA Updates <ul style="list-style-type: none"> • Rule Making Status <ul style="list-style-type: none"> ○ NBIS ○ SNBI • EDC - UAV (Drones) • Continuing Resolutions(Funding) • Other 	John Theil FHWA
11:25 AM	BrM and BrR Updates and Implementation	Eric Christie/Todd Thompson AASHTOWare TaskForce
11:40 AM	T-18 Ballot Items <ul style="list-style-type: none"> • MBEI 2nd Additional Defect Photos & Condition States • T18-01 MBEI Defect Photos 	Glenn Washer University of Missouri Matt Farrar, Chair & T-18
11:55 AM	<ul style="list-style-type: none"> • T18-02 MBE Example A3 	Matt Farrar, Chair & T-18
12:10PM	<ul style="list-style-type: none"> • NCHRP 15-54 <i>Proposed Modification to AASHTO Culvert Load Rating Specifications</i> • T18-03 LRFD Modifications Section 3 	Mark Mlynarski Michael Baker Inc. Tim McGrath Matt Farrar, Chair & T-18
12:25PM	<ul style="list-style-type: none"> • T18-04 MBE Modifications Section 6 	Mark Mlynarski Michael Baker Inc. Tim McGrath Matt Farrar, Chair & T-18
12:40PM	T-18 Research	Matt Farrar, Chair & T-18
12:45PM	Recap	Matt Farrar, Chair
12:45PM	Adjourn	

T-19**AASHTO Technical Committee on/for Software & Technology**

Ahmad Abu-Hawash, Chair

Date: Thursday, June 4, 2020

Time: 9:00 AM

Registration Link: <https://attendee.gotowebinar.com/register/6352611355242768653>

9:00	Welcome and Introductions	Ahmad Abu-Hawash, Chair, Iowa DOT
9:05	BIM for Bridges and Structures Initiative – pooled fund project update	Julie Rivera, HDR Connor Christian, HDR
9:40	FHWA BIM Activities Updates	Brian Kozy, FHWA Joe Brenner, WSP
10:15	AASHTOWare Bridge Update	Todd Thompson, South Dakota DOT
10:30	Committee Business	Committee
10:45	Adjourn	

T-20

AASHTO Technical Committee for Tunnels

Louis J Ruzzi, PE, PennDOT, T 20 Chair

Date: Friday June 5, 2020

Time: 1:00 PM (Eastern)

Registration Link: <https://attendee.gotowebinar.com/register/3372228957504839181>

1:00 PM	Introductions	Lou Ruzzi; P.E. Chair and T20
1:05 PM	Update on NCHRP 20-07/Task 425 emerging LED Technologies, and their spectrum of use in tunnels	Brian Seip, PE, Gannett Fleming
1:15 PM	Update on MASSDOT research	John Czach, PE, MassDOT
1:25 PM	AKB60 Update	Brian Leshko PE, HDR
1:35 PM	Large Diameter Tunnel Lining Research	John Wisniewski, PE, WSP
1:45 PM	FHWA Update	Brian Kozy, PHD, PE, FHWA
1:55 PM	Dept of Energy Update on Alternative Fuel vehicles	Laura Hill, PHD, USDOE Rep
2:10 PM	Update of Fixed Fire Suppression System Research	Matt Bilson, PHD, PE, WSP
2:20 PM	PIARC Update	Bijan Khaleghi, PHD, PE, WashDOT
2:30 PM	Research priorities/Strategic Plan Update	T20
2:50 PM	Wrap up closing remarks -prep for mid- year mtg	All