

AASHTO Committee on Maintenance

2021 Virtual Annual Meeting

JULY 12–22, 2021



AGENDA

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***Frederick Douglass Memorial Bridge Replacement
and South Capitol Street Improvements
Washington, D.C.***

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Monday, July 12

2:00 p.m.–4:00 p.m. EST

Leadership Meeting

This meeting is for MaC Chairs, Vice Chairs, TWG Leadership, and FHWA Liaisons. All others by invitation only.

Wednesday, July 21

2:00 p.m.–4:30 p.m. EST

General Session One | 2.5 PDH

Opening Session

- » George Conner, Alabama DOT, Chair

FHWA Update

- » Brian Hogge, FHWA

AASHTO Update

- » Jameelah Hayes, AASHTO

NCHRP Update

- » Amir Hanna, NCHRP

TRB Update

- » James Bryant, TRB

Technical Services Program Updates

- WMTSP/SICOP Program Triennial Recertification
 - » Steve Lund, Minnesota DOT
- TSP2 Program Update
 - » Judith Corley-Lay, Former NCPP Director
- EMTSP Program Update
 - » Tim Cunningham, Kansas DOT
- TC3 Program Update
 - » Glenn Page, AASHTO

Thursday, July 22

11:00 a.m.–1:00 p.m. EST

General Session Two | 2.0 PDH

Presentations

- *Guide for the Formulation of Long-Range Plans and Budgets for Replacement of Highway Operations Equipment*
 - ♦ Dr. Leila Hajibabi, NC State University
- *Guide for Snow and Ice Control Operations*
 - ♦ John Habermann, Texas A&M Transportation Institute
- *Guidelines for Vehicle and Equipment Color, Marking, and Lighting*
 - ♦ Dr. Gerald Ullman, Texas A&M Transportation Institute
- *Performance-Based Maintenance Synthesis*
 - ♦ Tyler Hunt, Michigan DOT

1:30 p.m.–4:30 p.m. EST

Business Meeting

Conference participants who are non-MaC members are invited to attend the Business Meeting as observers.

- » George Conner, Alabama DOT, Chair

Roll Call

- AASHTO Electronic Ballot Overview

Technical Working Group Reports

- Equipment
- Bridge
- Pavement
- Roadway/Roadside
- Maintenance Operations

Resolution Discussion

- » George Conner, Alabama DOT

Research Ballot Overview

- » Kathy Ahlenius, Wyoming DOT

MaC 2022 Annual Meeting

- » George Conner, Alabama DOT

Adjourn MaC Meeting

Future Meetings

2022—SASHTO

2023—MAASTO

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BRIDGE

Chair

Jeffrey L. Milton, Virginia DOT

Vice Chair

David R. Miller, Louisiana DOT

Vice Chair

Steven J. Cook, Michigan DOT

FHWA Liaison

Morgan Kessler, FHWA

Monday, July 19 | 1.5 PDH

2:00 p.m.–3:30 p.m. EST

Welcome and Introductions

» Jeff Milton, David Miller, Steve Cook

Review of Work Plan Accomplishments

» Jeff Milton, David Miller, Steve Cook

Develop Work Plan for 2022

» All

Guidelines for Maintaining Small Movement Bridge Expansion Joints, 1st Edition | NCHRP Project 12-100 |

Released May 19, 2021, MSMB-1-UL

National Working Group (WG) Updates

- Construction Quality of Bridge Preservation WG
 - ♦ Fouad Jaber, Nebraska DOT
- Bridge Deck Chloride Testing National WG
 - ♦ Travis Kinney, Oregon, David Evans and Associates
- Local Agency Outreach WG
 - ♦ Greg Freeman, Kwikbond Polymers
- Bridge Preservation BMS WG
 - ♦ Todd Springer, Virginia DOT
 - ♦ Dave Juntunen, Kercher Group
- Innovative Technology Demonstrations WG
 - ♦ Brian Mintz, Phoscrete Corporation
- Bridge Preservation Outreach and Communications
 - ♦ David Miller, Louisiana DOT
 - ♦ Drew Storey, Kercher Group
- Bridge Deck Preservation
 - ♦ Steve Austin, Texas DOT

♦ Greg Freeman, Kwikbond Polymers

- Bridge Preservation Coatings

♦ Jeff Pouliotte, Florida DOT

Research Updates

- Thermography & Ground Penetrating Radar (GPR) Verification

♦ Bill Oliva and Philip Meinel, Wisconsin DOT

2021 Projects

- Best Practices for Steel Bridge Coating and Recoating Warranty Contract Requirements
 - ♦ Jeff Pouliotte, Florida DOT
- *Establishing Guideline for the Procurement of Nondestructive Testing and Evaluation for the Concrete Components of Highway Bridges* based on Best Practices and Vendor Qualification for State and Local Transportation Agencies
 - ♦ Hoda Azari, FHWA/TFHRC

Tuesday, July 20 | 1.5 PDH

2:00 p.m.–3:30 p.m. EST

FHWA Update

» Morgan Kessler and Raj Ailaney, FHWA BPETG

AASHTO Committee on Bridges and Structures T-9 Update and Liaison to Committee on Bridges and Structures T-18

» Gram Bettis, Texas DOT

» David Miller, Louisiana DOT

TSP2 Update

» John Hooks, TSP2

Reports from Chairs of the

TSP2 Bridge Preservation Partnerships

» All Chairs



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Vice-Chair

Lisa Kunzman, California DOT

Vice-Chair

Doug Burke, Ohio DOT

FHWA Liaison

Antonio Nieves Torres, FHWA

Tuesday, July 13 | 2.0 PDH

11:00 a.m.–1:00 p.m. EST

Tim Cunningham, Kansas DOT, Moderator

11:00 a.m.

Ohio DOT Equipment Tracking Project

» Scott Lucas, Ohio DOT

11:30 a.m.

Michigan DOT Green Warning Light Study

» Jim Gaus, Michigan DOT

- ♦ Overview and Update of this Study
- ♦ Experience with Lighted Plow Markers

Noon

Heavy Fleet Electrification—Freightliner

» Alexander Voets, Daimler Trucks North America

12:45 p.m.

Web Based Training—Overview

» Neal Galehouse, NCPP

Wednesday, July 14 | 2.0 PDH

11:00 a.m.–1:00 p.m. EST

Tim Cunningham, Kansas DOT, Moderator

11:00 a.m.

PennDOT on AVL/GPS and Onboard Data Collection

» Dan Whetzel, PennDOT

11:30 a.m.

NCHRP 13-07 *Guide to Calculating Ownership and Operating Cost of DOT Vehicle and Equipment Fleet*

» Geoff Morrison, Henry Canipe, The Cadmus Group, LLC.

12:15 p.m.

EMTSP Fleet Performance Measures

» Sonja Scheurer, Teri Martin, Andy Bannasch, Michigan DOT

12:45 p.m.

Round Table Discussion of Recent Price Volatility and Material Shortages

» Tim Cunningham, Kansas DOT



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Vice-Chair

Emily McGraw, North Carolina DOT

Vice-Chair

Rebecca Allmeroth, Missouri DOT

FHWA

David Johnson, FHWA

Web Moderator

Rick Nelson, SICOP

Thursday, July 15 | 2.0 PDH

2:00 p.m.–4:00 p.m. EST

2:00 p.m.

Welcome

» Brad Darr, Chair, North Dakota DOT

2:15 p.m.

Research Need Statements–Status of Current Efforts and Identification and Discussions of New Needs

» Emily McGraw, North Carolina DOT

2:30 p.m.

Update /Discussion—TMA Flagger/Automated TMA

» Natalie Roark and Chris Redline, Missouri DOT

3:15 p.m.

Indiana Smart Snowplow Update

» Jeremy McGuffy, Indiana DOT

3:45 p.m.

Hot Topics 2021/Future Topics 2022

» Brad Darr, North Dakota DOT

Note: The Winter/Summer Group report outs will be done in conjunction with a SICOP meeting.

AASHTO CODE OF CONDUCT

To foster a positive environment built upon a foundation of trust, respect, open communications, and ethical behavior, the American Association of State Highway and Transportation Officials (AASHTO) Board of Directors has issued a Code of Conduct that applies to AASHTO staff, Association members, and all AASHTO meeting and event attendees, for the duration of AASHTO events or when participating in other events representing AASHTO.

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2. Consistently show respect to others and never take any inappropriate actions based on race, gender, age, religion, ethnicity, nationality, sexual orientation, gender expression, gender identity, marital status, political affiliation, presence of disabilities, or educational background.
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Violations of this Code of Conduct should be reported promptly to AASHTO staff for investigation, or can be submitted to humanresources@aaashto.org, or reported to the AASHTO Executive Director or AASHTO President if appropriate. To the extent possible, AASHTO will try to keep the reporting individual's concerns confidential; however confidentiality cannot be guaranteed, and the reporting individual's identity may need to be revealed as the claim is investigated. Anyone, regardless of position or title, AASHTO determines has engaged in conduct that violates this policy will be subject to corrective action depending on the nature of the violation. Retaliation for reporting perceived violations in good faith or for cooperating in the investigations of any claims will not be tolerated.

*Approved by the AASHTO Board of Directors
October 9, 2019*

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PAVEMENT

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Anita Bush, Nevada DOT

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Mark Woods, Tennessee DOT

Vice Chair

Heath Patterson, Mississippi DOT

FHWA Rep

Jason Dietz, FHWA

Monday, July 19 | 2.0 PDH

11:00 a.m.–1:00 p.m. EST

11:00 a.m.

Welcome and Opening Remark

» Anita Bush, Nevada DOT

- Overview of the PTWG
- 2020/2021 Work Plan Goals and Accomplishments
- 2021/2022 Work Plan Items
- 2021 Resolutions

11:10 a.m.

Research

» Heath Patterson, Mississippi DOT, Moderator

- Completed Research (Implementation, Ongoing, etc.)
 - ♦ Amir Hanna, NCHRP
- 2022 Research Problem Statements
 - ♦ Heath Patterson, Mississippi DOT

12:10 p.m.

Industry Updates

» Anita Bush, Nevada DOT, Moderator

- Pavement Preservation Industry Update
 - ♦ Jim Moulthrop, FP2
- NCPP Update
 - ♦ Neil Galehouse, NCPP
- Pavement Preservation Expert Task Group Update
 - ♦ Antonio Nieves, Nevada DOT

- Concrete Pavement ETG Update

♦ Larry Scofield, IGGA/ACPA

- FHWA Update

♦ Jason Dietz, FHWA

Wednesday, July 21 | 2.0 PDH

11:00 a.m.–1:00 p.m. EST

Mark Woods, Moderator

PRESENTATIONS

11:00 a.m.

NCHRP 20-05/Synthesis Topic 51-16:

Maintenance and Surface Preparation

Activities Prior to Pavement Preservation

» David Peshkin, Applied Pavement Technology, Inc.

11:25 a.m.

Pavement Maintenance Techniques:

Best Practices Field Guides

» Jason Dietz, FHWA

11:50 a.m.

Using a New Crack Density Metric in Pavement Management

» Aaron D. Gerber, P.E., The Kercher Group, Inc.

12:15 p.m.

National Roadway Research Alliance (NRRRA)

» Benjamin Worel & Joel Ulring, NRRRA



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ROADWAY/ROADSIDE

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Vice Chair

David Cook, P.E., South Carolina DOT

Vice Chair

Pasco Bakotich III, P.E., Washington State DOT

FHWA Liaison

Will Beatty, FHWA

Tuesday, July 13 | 2.0 PDH

2:00 p.m.–4:00 p.m. EST

2:00 p.m.

Introductions, Spring Webinar Overview,
Research Review

» Erany Robinson-Perry, Georgia DOT

2:15 p.m.

Connecting Maintenance to Asset Management—
Panel Discussion

» Todd Lamphere, Washington State DOT

» Steve Wilcox, New York DOT

3:15 p.m.

SCDOT's Rural Road Safety Program

» Bryan Jones, P.E., South Carolina DOT

Thursday, July 15 | 2.0 PDH

11:00 a.m.–1:00 p.m. EST

11:00 a.m.

Welcome and Announcements

» Erany Robinson-Perry, Georgia DOT

11:15 a.m.

Who's Doing What with My Idea...

Research Coordination

» Kathy Ahlenius, P.G., Wyoming DOT

Noon

Visualizing Maintenance Assets—GDOT's Approach

» Tony Hendon, P.E., Arcadis

12:45 p.m.

Research Review and Closing Announcements



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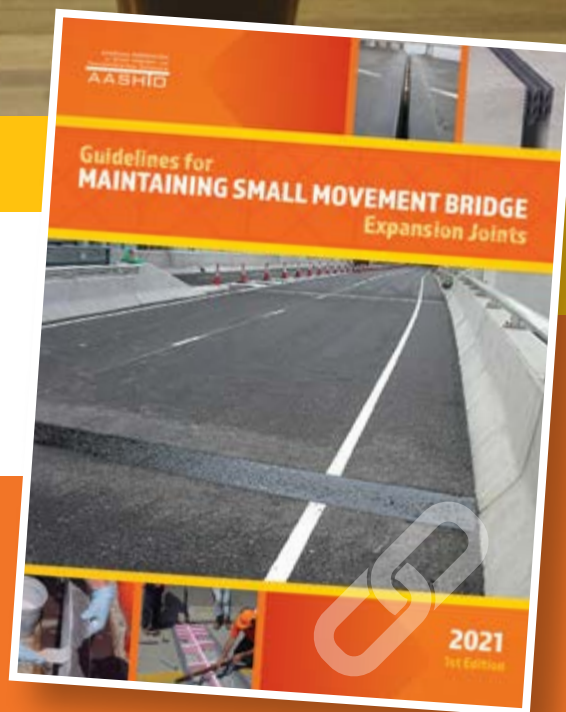
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