Dear Attendees:

Welcome to Rhode Island and the 2017 AASHTO Subcommittee on Maintenance (SCOM) Annual Conference.

We are pleased to have you here at the largest national gathering of maintenance professionals in the country while we showcase both state-of-the-art and state-of-the-practice maintenance operations for those responsible for maintaining our highways.

Regardless of the programs we put into place to rebuild our aging infrastructure, the truth is that without a successful maintenance operation, our states’ highway systems would simply fall apart. Thanks for all that you do to help keep these systems up and running and on the right track.

While here in Providence, revel in the history, culture, dining, and entertainment opportunities of our capitol city. On Wednesday, when visiting Newport—the City by the Sea—take advantage of the Historical Technical Tour and the rich heritage of the Eisenhower House—the site of our closing event, which was also once the summer White House for President Dwight D. Eisenhower.

Once again, welcome to Rhode Island, and thanks for joining us.

Sincerely,

Peter Alviti, Jr., P.E.
Director, Rhode Island DOT
DBi Services is honored to sponsor AASHTO Subcommittee on Maintenance

DBi Services provides infrastructure maintenance, operations and management solutions worldwide for government agencies, utilities, private industries, railways, retailers and other infrastructure owners. DBi Services offers a full suite of quality maintenance services for outcome-driven, performance-based bundled services contracts, as well as single/multiple-activity contracts.
Saturday, July 29, 2017
8:00 a.m.–5:00 p.m.
Pre-Conference Meeting/AASHTO SICOP Meeting .............................................. Bristol/Kent Room (Omni Hotel)
Meeting of the Winter Maintenance Policy Coordination Committee—SICOP’s Steering Committee. SICOP member states are welcome to attend.
8:00 a.m.–Noon
Registration and Information .......................................................... Bristol/Kent Room Foyer (Omni Hotel)

Sunday, July 30, 2017
Noon–5:00 p.m.
Registration and Information .......................................................... Ballroom Foyer (RICC)
1:00 p.m.–5:00 p.m.
AASHTO SCOM Leadership Meeting .............................................. Bristol/Kent Room (Omni Hotel)
This meeting is for SCOM Chairs, Vice Chairs, TWG Leadership, and FHWA Liaisons. All others by invitation only.
8:00 a.m.–6:00 p.m.
Vendor Setup .................................................................................. Ballroom A
6:00 p.m.–8:00 p.m.
Networking Reception (All Invited) .................................................. Exhibit Hall–Ballroom A

Monday, July 31, 2017
7:00 a.m.–5:00 p.m.
Registration and Information .......................................................... Ballroom Foyer (RICC)
7:00 a.m.–9:00 a.m.
Breakfast ....................................................................................... Exhibit Hall–Ballroom A
7:15 a.m.–8:00 a.m.
SCOM Orientation Breakfast ............................................................ Rotunda
Russ Yurek, Maryland DOT & Steve Lund, Minnesota DOT presiding
• Description of SCOM and TWGs
• Introduction of TWG Leadership
8:00 a.m.–10:00 a.m.
Opening Session ............................................................................ Ballroom B&C
George Conner, Alabama DOT, Presiding
Color Guard / National Anthem | Rhode Island National Guard
Welcome | Peter Alviti Jr., Director Rhode Island DOT
SCOM Update | George Conner, Alabama DOT
FHWA Update | Connie Yew, FHWA
AASHTO Update | Gummada Murthy, AASHTO
TSM&O Update | Steve Cook, Michigan DOT / Galen McGill Oregon DOT
FAMILY VALUES.

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10:00 a.m.–10:30 a.m.
Break

10:30 a.m.–Noon
General Session

George Conner, Alabama DOT, Presiding
Rhode Island DOT State Maintenance Update | Joe Bucci, Rhode Island DOT

Technical Services Program Updates
  • SICOP Program Update | Rick Nelson, SICOP
  • TSP2 Program Update | Judith Corley-Lay, NCPP
  • EMTSP Program Update | Lisa Kunzman, CALTRANS
  • TC3 Program Update | Jim Feda, South Carolina DOT

TRB & NCHRP Update | James Bryant, TRB and Amir Hanna, NCHRP

Noon–1:00 p.m.
Lunch

1:00 p.m.–3:00 p.m.
TECHNICAL WORKING GROUP BREAKOUT SESSIONS
  Bridge
  Equipment
  Pavement

3:00 p.m.–3:30 p.m.
Break

3:30 p.m.–5:00 p.m.
TECHNICAL WORKING GROUP BREAKOUT SESSIONS
  Maintenance Operations
  Roadway/Roadside

5:00 p.m.
Adjourn | Dinner on your own

Tuesday, August 1, 2017

7:00 a.m.–Noon
Registration and Information–Ballroom Foyer (RICC)

7:00 a.m.–8:00 a.m.
SCOM Leadership Breakfast

George Conner, Alabama DOT, Presiding
This meeting is open to all SCOM TWG Chairs, Vice Chairs, and FHWA Liaisons.

7:00 a.m.–9:00 a.m.
Breakfast

8:00 a.m.–9:30 a.m.
TECHNICAL WORKING GROUP BREAKOUT SESSIONS
  Bridge
  Pavement

9:30 a.m.–10:00 a.m.
Break
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10:00 a.m.–Noon

**TECHNICAL WORKING GROUP BREAKOUT SESSIONS**

- **Equipment** .......................................................... 551 A&B
- **Maintenance Operations** ........................................ 556 A&B
- **Roadway/Roadside** ............................................. 555 A&B

Noon–1:00 p.m.

**Lunch** ........................................................................ Exhibit Hall–Ballroom A

1:00 p.m.–2:00 p.m.

**General Session** .................................................. Ballroom B&C

**Russ Yurek, Maryland DOT**

   - Ron Hamilton, Dye Management Group, Inc.

2. **NCHRP Project 14-33 Quantifying the Effects of Preservation Treatments on Pavement Performance**
   - James Bryce, Amec Foster Wheeler Environmental & Infrastructure Inc.

3. **NCHRP Domestic Scan 15-03, Preservation Practices for Steel Bridge Coatings**
   - Jeff Milton, Virginia DOT

4. **2016 Louisiana Flood Event**
   - David Miller (LADOT)

5. **NCHRP Project 14-20A, Consequences of Delayed Maintenance of Highway Assets**
   - Carlos M. Chang, University of Texas at El Paso

6. **Follow Up to Domestic Scan 14-01, Leading Management Practices in Determining Funding Levels for Maintenance and Preservation**
   - Mark C. McConnell, Volkert, Inc. or Katie Zimmerman, Applied Pavement Technology

3:00 p.m.–3:30 p.m.

**Break** ........................................................................ Exhibit Hall–Ballroom A

3:30 p.m.–5:00 p.m.

**AASHTO REGIONAL BREAKOUT MEETINGS**

**MAASTO** ................................................................. 557

- **Steve Cook, Michigan DOT, presiding**

**NASTO** ................................................................. 556 A&B

- **Russ Yurek, Maryland DOT, presiding**

**SASHTO** ................................................................ Ballroom D

- **David R. Miller, Louisiana DOT, presiding**

**WASHTO** ............................................................... 551 A&B

- **Anita Bush, Nevada DOT, presiding**

5:00 p.m.

**Adjourn** | **Dinner on your own**

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**Wednesday, August 2, 2017**

7:00 a.m.–5:00 p.m.

**Registration and Information** ........................................ Ballroom Foyer (RICC)

7:00 a.m.–9:00 a.m.

**Breakfast** .................................................................. Exhibit Hall–Ballroom A

7:45 a.m.–9:45 a.m.

**TECHNICAL WORKING GROUP BREAKOUT SESSIONS**

- **Bridge** .............................................................. 552 A&B
- **Pavement** .......................................................... Ballroom E
- **Roadway/Roadside** ............................................. 555 A&B
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ONLINE REGISTRATION AND MOST UP-TO-DATE INFORMATION INCLUDING AGENDA, SPEAKERS, HOTEL AND SPONSORSHIP DETAILS ARE AVAILABLE ONLINE AT amotia.org/9th-annual-conference

For questions or additional information email bswank@dbiservices.com or call 570.459.1112
9:45 a.m.–10:00 a.m.
Break .................................................................................................................. Exhibit Hall–Ballroom A
10:00 a.m.–11:15 a.m.
TECHNICAL WORKING GROUP BREAKOUT SESSIONS
Equipment ........................................................................................................ 551 A&B
Maintenance Operations .................................................................................. 556 A&B
11:30 a.m.
Note: All General Session, TWG Breakout Meeting, and Regional Meeting minutes and presentations (.ppt), Report Out Slides (.ppt), Resolutions, and Titles of any Research Problem Statements are due to the SCOM Secretary / Assistant Secretary by 11:30 a.m.
11:30 a.m.–5:00 p.m.
Rhode Island Historic Tour .............................................................................. Newport
Boxed Lunch Setup in Foyer  Ballroom Pre-Function
Lunch on the bus. Buses will leave hotel at 11:30 a.m.; bus ride (15 minutes); ferry ride (60 minutes); and bus ride (15 minutes); buses return to hotel after the Closing Event.
5:00 p.m.–9:00 p.m.
Closing Event—Eisenhower House ............................................................... Newport
Eisenhower House, formerly known as the Commandant’s Residence or Quarters Number One of Fort Adams, is a historic house that is part of Fort Adams State Park in Newport
Buses will leave Newport Mansions at 5:00 p.m. Closing Event begins around 5:30 p.m.

Thursday, August 3, 2017
7:00 a.m.–Noon
Registration and Information ........................................................................ Rotunda Foyer
7:00 a.m.–9:00 a.m.
Breakfast ....................................................................................................... Rotunda Foyer
8:00 a.m.–11:00 a.m.
Subcommittee on Maintenance Business Meeting .................................... Rotunda
Conference participants who are non-SCOM members are invited to attend the Business Meeting as observers.
George Conner, Alabama DOT, Presiding
Roll Call–Resolutions–Research Ballot
Technical Working Group Reports
• Bridge
• Equipment
• Pavement
• Roadway/Roadside
• Maintenance Operations
Regional Meeting Reports
TRB & NCHR Update
SCOM 2018
Scott Capps, State Maintenance Engineer, NCDOT
11:00 a.m.
Adjourn
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Chair: Jeffrey L. Milton, Virginia DOT
Vice Chair: Steven J. Cook, Michigan DOT (Research and Workforce Development)
Vice Chair: David R. Miller, Louisiana DOT (Performance Measures and Environmental)
FHWA Liaison: Morgan Kessler, FHWA

MONDAY, JULY 31, 2017
1:00 p.m.–3:00 p.m. | 120 minutes
552 A&B

Welcome & Introductions | Jeff Milton | 5 minutes
Review of Work Plan Accomplishments | Jeff Milton | 15 minutes
Remarks by Vice Chairs | Steven Cook and David Miller | 10 minutes
Develop Research Needs Statements | All | 30 minutes
• Re-request SCOM endorsement for Duplex Coatings Project
• Review research topics from Bridge Preservation Partnership Meetings
• Review other research proposals from members
Develop Resolutions | All | 30 minutes
Develop Work Plan for 2017-2018 | All | 30 minutes

TUESDAY, AUGUST 1, 2017
8:00 a.m.–9:30 a.m. | 90 minutes
552 A&B

TECHNICAL PRESENTATION—Rhode Island Bridge Program | 15 minutes
Reports from chairs of the TSP2 Bridge Preservation Partnerships | 60 minutes
Bridges to Prosperity | Rex Pearce | 15 minutes

WEDNESDAY, AUGUST 2
7:45 a.m.–8:45 a.m. | 120 minutes
552 A&B

Domestic Scan 17-01—Successful Approaches for the Use of Unmanned Aerial Systems by Surface Transportation Agencies | Jeff Milton | 10 minutes
FHWA Update | Morgan Kessler | 10 minutes
Fall Protection Resolution | Chris Keegan | 20 minutes
Implementation of Completed Research Projects—Project 12-100 and Project 14-28 | David Miller and Jeff Milton | 15 minutes
MicroSoft HoloLens | 30 minutes
AASHTO SCOBs T-9 Update | David Miller and Randall Mullins | 15 minutes
• Includes a discussion of having a liaison to SCOBs T-18
TSP2 Update | EdWelch | 20 minutes

“UNOFFICIAL” MEETING TIMES
During Other TWG Meetings | 552 A&B
Monday, July 31, 2017 | 3:30 p.m.–5:00 p.m.
Domestic Scan 15-02 Bridge Scour Risk Management | Richard Marz | 30 minutes
Develop Report Out Slides for Thursday Business Meeting | 60 minutes
Tuesday, August 1, 2017 | 10:00 a.m.–Noon
Develop Report Out Slides for Thursday Business Meeting | 120 minutes
Wednesday, August 2, 2017 | 10:00 a.m.–11:15 a.m.
Discuss Bridge Preservation Topics of Interest to BTWG | 75 minutes
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EQUIPMENT

Chair: Tim Cunningham, Kansas DOT
Vice Chair: Lisa Kunzman, CALTRANS (Environmental and Research)
Vice Chair: Bruce Erickson, Oregon DOT (Performance Measures and Workforce Development)
FHWA Liaison: Randy Jensen, FHWA–Colorado

MONDAY JULY 31, 2017
1:00 p.m.–3:00 p.m.
551 A&B

Welcome and Introductions | Tim Cunningham, Moderator

Completed Activities for the Past Year | Tim Cunningham, Moderator

A. Equipment TWG:
   NCHRP Project Updates | Amir Hanna, NCHRP, Presenter—Invited
   3. NCHRP Project 13-06, FY2017—Development of an Automated Tool to Assist in the Formulation and Maintenance of Long-Range Equipment Replacement Plans

B. Implementation Strategies for completed projects—Discussion

C. The Equipment Management Technical Services Program (EMTSP)
   1. Status of 2017 Triennial Plan
   2. Financial Update
   3. EMTSP Strategic Plan

D. Review and Discussion of 2016 National Conference Research Project Balloting

E. Highlights and Overview of the 96th Annual TRB Meeting in Washington, DC, January 8–12, 2017 | Lisa Kunzman, CALTRANS and John Hildreth, PhD, UNC Charlotte, Presenters

Research Updates | Tim Cunningham, Kansas DOT and Amir Hanna, NCHRP, Presenter—Invited

A. Guidelines for the Selection and Application of Vehicle and Equipment Warning Light Configurations, Colors, and Marking

B. Guidelines to Calculate Total Cost of Ownership for Fleet Operations
   • Update status of SCOR vote
   • Update status of NCHRP actions
   • Update status of AASHTO–BOD decision, if necessary

C. Develop New Research Problem Statement | Tim Cunningham, Kansas DOT and Jim Chupas, Connecticut DOT, Presenters

D. Develop New NCHRP 20-7 Research Problem Statements | Tim Cunningham, Kansas DOT and Selected Authors, Presenters

Presentation: Colorado’s Autonomous Attenuator Project | Kyle Lester, Colorado DOT, Presenter

TUESDAY, AUGUST 1, 2017
10:00 a.m.–Noon
551 A&B

Presentation: Updates on the VW Settlement Funds and How to Access These and Other Grants and Incentives | Lisa Kunzman and Joe Annoti, Gladstein, Neandross & Associates, Presenter, Webinar

Development and Finalization of New 2018 Research Problem Statement | Tim Cunningham, Kansas DOT and Jim Chupas, Connecticut DOT, Presenters
Development and Finalization of Proposal for 2018 Scan Tour | Tim Cunningham, Kansas DOT and Selected Authors, Presenters

Discussion and Development of New 2018 NCHRP 20-7 Problem Statements | Tim Cunningham, Kansas DOT, Moderator and Doug Burke, Ohio DOT and John White, South Carolina DOT, Presenters

A. Best State DOT Fleet Management Organizational Structures and Business Models
B. Best Practices for Maximizing Used Equipment Values—Auction, Trade-in, Guaranteed Repurchase
C. Other

Update on the EMTSP/NCPP Equipment Management Training and Certification Program | Neal Galehouse, NCPP, Presenter

Update on the EMTSP/NCPP Web-Based Training Course Development and Going Forward | Neal Galehouse, NCPP,Presenter

New or Updated Website Activities, Enhancements and Publications | Dick Baron, NCPP, Presenter

National Performance Measurement Working Group Updates | Scott Ratterree, Michigan DOT, Webinar–Presenter

A. EMTSP Oversight Panel and the National Performance Measurement Working Group Collaboration of Action Items Going Forward
B. New Performance Measures Under Development

Activities for the Coming Year | Tim Cunningham, Kansas DOT, Presenter

TRB AHD60 - Committee on Maintenance Equipment Updates | John Hildreth, PhD, Chair AHD60 Subcommittee on Maintenance Equipment, Presenter

A. 2017/2018 Updates for AHD60 Subcommittee on Maintenance Equipment
B. New Research Needs Statements (RNS) identified

Open Discussion | Tim Cunningham, Kansas DOT, Moderator

WEDNESDAY AUGUST 2, 2017
10:00 a.m.–11:15 a.m.
551 A&B

EMTSP OVERSIGHT PANEL MEETING

Review of Regional Partnership Accomplishments | Tim Cunningham, Kansas DOT, Moderator

Discussion—Revisit Resolution to Increase Annual EMTSP Contributions

2017 Biennial Regional Partnership Conferences and Trade Shows Updates

• 2017 Joint EMTSP Midwest/Northeast Regional Conference and Equipment Tradeshows | Tim Cunningham, Kansas DOT and Jim Chupas, Connecticut DOT, Presenters
• 2017 Southeastern States Equipment Management Conference (SSEMC) Regional Conference and Equipment Tradeshows | John White, South Carolina DOT, Presenter
• 2017 Western States Highway Equipment Managers Association (WSHEMA) | Lisa Kunzman, CALTRANS, Presenter

2017 Highlights and Overview—WSHEMA Winter Maintenance Equipment Domestic Scan Tour | Lisa Kunzman, CALTRANS, Presenter

2018 National Equipment Management Conference and Equipment Tradeshows | Tim Cunningham, Kansas DOT and Jim Chupas, Connecticut DOT, Presenters

Closing Remarks
**Chair:** Brad Darr, North Dakota DOT  
**Vice Chair:** Dale Doughty, Maine DOT (Performance Measures and Environmental)  
**Vice Chair:** Jim Feda, South Carolina DOT (Workforce Development and Research)  
**FHWA Liaison:** Paul Pisano, FHWA

### MONDAY JULY 31, 2017

3:30 p.m.–5:00 p.m. | 90 minutes  
556 A&B

**Welcome/Introductions**  
Brad Darr, North Dakota DOT, Chair | 15 minutes

**Research Need (Statements) Status of Current Efforts and Identification and Discussions Of New Needs**  
Jim Feda, South Carolina DOT | 15 minutes

**Winter/Summer Group Report Outs**  
60 minutes  
A. Clear Roads | Clay Adams, Kansas DOT | 15 minutes  
B. Aurora/TRB | Tina Greenfield, Iowa DOT | 15 minutes  
C. SICOP—Three Year Strategic Plan | Rick Nelson, SICOP | 15 minutes  
  • Tentative: MDSS and the CV PFS—Patent Issue Update  
  • PIARC

### TUESDAY, AUGUST 1, 2017

10:00 a.m.–Noon | 120 minutes  
556 A&B

**Research Follow Up**  
Jim Feda, South Carolina DOT | 15 minutes

**Managed Stockroom Pilot Project at Kansas DOT**  
Clay Adams, Kansas DOT | 30 minutes

**Autonomous Attenuators**  
Kyle Lester, Colorado DOT | 45 minutes

**Maintenance Relevant STSMO Activities and Liaison Report**  
Galen McGill, Oregon DOT | 30 minutes

### WEDNESDAY AUGUST 2, 2017

10:00 a.m.–11:15 a.m. | 75 minutes  
556 A&B

**FHWA Update**  
Paul Pisano, FHWA | 60 minutes  
A. EDC 4—Weather-Savvy Roads  
  • Pathfinder  
  • IMO—Road Weather—Connected Vehicle  
B. Work Zone Data Initiative  
C. Other Program Highlights

**Kentucky Route Optimization Project**  
Eric Green, KTI | 30 minutes

**Round Robin/ Results of the Week—Time Permitting**  
Brad Darr, North Dakota DOT, Chair
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Vice Chair: Scott Capps, North Carolina DOT (Safety, Environmental, Workforce Development)
Vice Chair: Bart Sweeney, Connecticut DOT (Asset Management, Communication, Research)
FHWA Liaison: James Gray, FHWA

MONDAY, JULY 31, 2017
1:00 p.m.–3:00 p.m.
Ballroom E

Welcome and Opening Remarks | 30 minutes
- Overview of the PTWG
- Vision, Mission, and Strategic Goals
- Focus Areas
- 2017 Work Plan Goals and Accomplishments
- Ongoing Research

PTWG Annual Business Meeting | 60 minutes
- Completed Research—Implementation
- 2018 Work Plan
- 2018 Research Problem Statements
- 2018 Resolutions

TECHNICAL PRESENTATION
Round Table Discussion on Pavement Preservation Certification Programs | 30 minutes

TUESDAY, AUGUST 1, 2017
8:00 a.m.–9:30 a.m.
Ballroom E

PTWG Annual Business Meeting | 40 minutes
- Completed Research—Implementation
- 2018 Work Plan
- 2018 Research Problem Statements
- 2018 Resolutions

TECHNICAL PRESENTATIONS
Industry Updates | 30 minutes
- Pavement Preservation Industry Update | Tim Harrawood, FP2 | 5 minutes
- NCPP Update | Judith Corley-Lay, NCPP | 5 minutes
- SHRP2 R26 Preservation on High Volume Roads: Tools and Implementation Update | David Peshkin, Applied Pavement Technology | 5 minutes
- Pavement Preservation Expert Task Group Update | Anita Bush, Nevada DOT | 5 minutes
- Concrete Pavement ETG Update | Larry Scofield, IGCA | 5 minutes
- FHWA Update | James Gray, FHWA | 5 minutes

North Carolina Pavement Preservation Program | Scott Capps, North Carolina DOT | 20 minutes
WEDNESDAY, AUGUST 2, 2017
7:45 a.m.–9:45 a.m.
Ballroom E

TECHNICAL PRESENTATIONS

Low-Cost Pavement Treatments to Improve Roadway Safety  | David Merritt, The Transtec Group  | 30 minutes
Concrete Pavement Preservation Training Update  | Larry Scofield, IGGA  | 20 minutes
TxDOT Pilot Testing on Performance Graded Asphalts used for Seal Coats  | Robert Lee, Texas DOT Construction Division  | 20 minutes
Emulsion Task Force Update  | Colin Franco, Chair AASHTO TSP-2 Emulsion Task Force  | 10 minutes
Pavement Management Systems  | Rick Hatheway, AgileAssets, Inc.  | 10 minutes
Maintenance Leadership Academy Update  | Greg Duncan, Applied Pavement Technology  | 15 minutes
National Road Research Alliance Activities  | Steve Lund, Minnesota DOT  | 15 minutes

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Chair: Jerry Hatcher, Tennessee DOT  
Vice Chair: Erany Robinson-Perry, Georgia DOT (Environmental and Research)  
Vice Chair: Thomas Lyden, Ohio DOT (Performance Management and Workforce Development)  
FHWA Liaison: Will Beatty, FHWA

**MONDAY, JULY 31, 2017**  
3:30 p.m.–5:00 p.m.  
555 A&B  
3:30 p.m.–3:40 p.m.  
Welcome, Introductions, Announcements  
3:40 p.m.–4:15 p.m.  
State Property Damage Cost Recovery Contract  
Bob Maquire, Georgia DOT  
4:15 p.m.–4:55 p.m.  
No Boundaries Pooled Fund Update  
Tim Croze, Michigan DOT  
4:55 p.m.–5:00 p.m.  
Closing remarks

**TUESDAY, AUGUST 1, 2017**  
10:00 a.m.–Noon  
555 A&B  
10:00 a.m.–10:10 a.m.  
Welcome, Introductions, Announcements  
10:10 a.m.–10:45 a.m.  
Maintenance of Roadside Safety Devices  
Dick Albin, FHWA  
10:45 a.m.–11:15 a.m.  
The Right of Way as Pollinator Reservoir  
Felicity Davis, Georgia DOT  
11:15 a.m.–11:55 a.m.  
Asset Management for Large Diameter Culverts—A Georgia DOT Case Study  
Dallas McCready, Inversa Systems & Erany Robinson-Perry, Georgia DOT  
11:55 a.m.–Noon  
Closing Remarks

**WEDNESDAY, AUGUST 2, 2017**  
7:45 a.m.–9:45 a.m.  
555 A&B  
7:45 a.m.–7:55 a.m.  
Welcome, Introductions, Announcements  
7:55 a.m.–8:45 a.m.  
NCHRP Synthesis 493: Practices for High-Tension Cable Barriers  
Richard Powers, KLS Engineering, LLC  
8:45 a.m.–9:30 a.m.  
Current Roadside Maintenance Issues/Best Practices  
Moderated by Jerry Hatcher, Tennessee DOT  
9:30 a.m.–9:45 a.m.  
Closing Remarks
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2019 MICHIGAN

2020 COLORADO

2021 MAINE

2022 SASHTO