2014 AASHTO SUBCOMMITTEE ON MAINTENANCE CONFERENCE

MEETING AGENDA

SATURDAY, JULY 26, 2014
8:00 a.m.–5:00 p.m.        Pre-Conference Meeting/AASHTO SICOP Meeting  ……Cumberland/Appalachian
This meeting is for winter maintenance planning technical services program members.

SUNDAY, JULY 27, 2014
10:00 a.m.–5:00 p.m.       Registration/Information Desk Open  ……………………………….. Foyer A & B
1:00 p.m.–5:00 p.m.        AASHTO SCOM Leadership Meeting  ………………………………… Cumberland/Appalachian
This meeting is for SCOM Chairs, Vice Chairs and FHWA Liaisons. All others by invitation only.

Vendor Setup
6:00 p.m.                  Vendor/SCOM Introduction Meeting  ………………………………… Pavilion

MONDAY, JULY 28, 2014
7:00 a.m.–5:00 p.m.        Registration and Information  …………………………………………………… Foyer A & B
7:00 a.m.–9:00 a.m.        Breakfast  …………………………………………………………………… Pavilion
7:15 a.m.–8:00 a.m.        SCOM Orientation Breakfast  ………………………………………………… Hawk’s Nest
Jennifer Brandenburg, North Carolina Department of Transportation, presiding
• Description of SCOM and TWGs
• Introduction of TWG Chairs

AASHTO Subcommittee on Maintenance ♦ 2014 Meeting Agenda
8:00 a.m.–9:45 a.m.  Opening Session ......................................................... Grand Ballroom
Carlos Braceras, Utah Department of Transportation, Presiding

Color Guard/National Anthem

Welcome
Paul A. Mattox, Jr., PE
Cabinet Secretary, West Virginia Department of Transportation
Commissioner, West Virginia Division of Highways

SCOM Update
Carlos Braceras, UT

FHWA Update
Bryan Cawley, FHWA

TRB Update
James Bryant, TRB

West Virginia Division of Highways, Operations Overview
W. Kyle Stollings, PE, Director, West Virginia Division of Highways Maintenance Division

9:45 a.m.–10:15 a.m.  Break ......................................................... Pavilion

10:15 a.m.–Noon  Maintenance Peer Network
Jennifer Brandenburg, NC

Extreme Weather Events/Lessons Learned
Michael Meyer, Parsons Brinkerhoff

The Winter That Was...(2013–2014)
Steve Cook, MI, Dale Brantley, GA, Mike Coffey, AK and Caleb Dobbins, NH

Noon–1:00 p.m.  Lunch ......................................................... Pavilion

1:00 p.m.–3:00 p.m.  Technical Working Groups Breakout Sessions
Bridge ................................................................. Salon E & F
Highway Safety and Reliability ........................................ Salon C
Equipment ......................................................... Salon A

3:00 p.m.–3:30 p.m.  Break ......................................................... Pavilion

3:30 p.m.–5:30 p.m.  Technical Working Groups Breakout Sessions
Roadway/Roadsides ......................................................... Salon C
Pavement ............................................................. Salon D

5:30 p.m.  Adjourn
Dinner on your own.

TUESDAY, JULY 29, 2014

7:00 a.m.–Noon  Registration and Information ........................................ Foyer A & B

7:00 a.m.–8:00 a.m.  SCOM Leadership Breakfast ..................................... Hawk’s Nest

7:00 a.m.–9:00 a.m.  Breakfast ......................................................... Pavilion

8:00 a.m.–9:45 a.m.  Technical Working Groups Breakout Sessions
Pavement ................................................................. Salon D
Equipment ............................................................. Salon A
Roadway / Roadsides ......................................................... Salon C

9:45 a.m.–10:15 a.m.  Break ......................................................... Pavilion
**10:15 a.m.–11:45 a.m.**

**Technical Working Groups Breakout Sessions**

- **Bridge** ................................................................. Salon E & F
- **Highway Safety and Reliability** ................................ Salon C

**12:15 p.m.**

**WV Turnpike Memorial Tunnel Technical Tour**

Gather in conference area for technical tour and lunch. Board bus in front of hotel; a box lunch will be provided on the bus.

**Memorial Tunnel Venue Description**—This is a decommissioned WV Turnpike Tunnel used to simulate emergency situations, first responders training, mock disasters, tunnel fires, terrorist events, bus and train attacks, and ventilation studies.

This Technical Tour will be a walking tour covering an approximate one-half mile distance through the tunnel complex, with an additional one-half mile return to the entrance. It is not recommended for young children. Certain areas do include stairs and are not wheelchair accessible. Please wear suitable casual clothing and avoid open-toed and/or open-heeled shoes for the tour.

**6:00 p.m.**

Adjourn

Dinner on your own.

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**WEDNESDAY, JULY 30, 2014**

**7:00 a.m.–5:00 p.m.**

- **Registration and Information** ......................................... Foyer A & B
- **Federal Highway Administration Breakfast Meeting** ........ Hawk’s Nest
- **Breakfast** ........................................................................... Pavilion

**8:00 a.m.–9:45 a.m.**

**Technical Working Groups Breakout Sessions**

- **Bridge** ................................................................. Salon E & F
- **Equipment** ................................................................ Salon A
- **Highway Safety and Reliability** ................................ Salon C

**9:45 a.m.–10:15 a.m.**

Break ................................................................................... Pavilion

**10:15 a.m.–Noon**

**Technical Working Groups Breakout Sessions**

- **Roadway and Roadside** ........................................ Salon C
- **Pavement** ................................................................. Salon D

**Noon–1:00 p.m.**

Lunch ............................................................................ Pavilion

**1:00 p.m.–5:00 p.m.**

**General Session** ...................................................... Grand Ballroom

Chris Christopher, Washington Department of Transportation, Presiding

**1:00 p.m.–1:45 p.m.**

**Mission Zero**

Jerral Wyer, TX

**1:45 p.m.–2:15 p.m.**

**2012 Contract Maintenance Scan Tour**

Greg Duncan, TN

**2:15 p.m.–2:45 p.m.**

**AASHTO Update**

King Gee, AASHTO

**2:45 p.m.–3:15 p.m.**

**MAP–21 Implementation Status and Update on Performance Management**

Pete Stephanos, FHWA

**3:15 p.m.–3:45 p.m.**

Break ............................................................................ Pavilion

**3:45 p.m.–4:30 p.m.**

**Ingraining Asset Management Permanently: Lessons and Next Steps from the 10th National Asset Management Conference**

Jason Bittner, Cambridge Systematics
4:30 p.m.–5:00 p.m.  Asset Management—Pump Stations and a State of Good Repair
Gary Mayes, MI and Steve Cook, MI

5:00 p.m.  Adjourn

5:30 p.m.  Closing Banquet
Clay Center for the Arts & Sciences
Buses will begin boarding at 5:30 p.m. at conference area lobby.

THURSDAY, JULY 31, 2014

7:00 a.m.–Noon  Registration and Information ............................................................ Foyer A & B

7:00 a.m.–9:00 a.m.  Breakfast ........................................................................................... Pavilion

8:00 a.m.–11:00 a.m.  Subcommittee on Maintenance Business Meeting ....................... Salon C & D
Conference participants who are non-SCOM members are invited to attend the Business Meeting as observers.
Chris Christopher, Washington Department of Transportation, Presiding
Jennifer Brandenburg, NC Department of Transportation, Presiding

Technical Working Group Reports
• Bridge
• Equipment
• Highway Safety and Reliability
• Pavement
• Roadway and Roadside

Reports and Resolutions
SCOM 2015
Bob Younie, IA and Craig Bargfrede, IA

TRB Joint Meeting Update 2015
James Bryant, TRB

11:00 p.m.  Adjourn
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LOCATIONS WORLDWIDE

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MONDAY, JULY 28, 2014
Salon A
1:00 p.m.–3:00 p.m.

Welcome and Introductions

New or Updated Publications
A. Status update of the EMTSP Website

Review Completed Research Projects
A. NCHRP Synthesis 452: State Department of Transportation, Fleet Replacement Management Practices

Completed Activities for the Past Year
A. Equipment TWG
B. The Equipment Management Technical Services Program (EMTSP)
   • Presentation on the AASHTO—EMTSP at the March CONEXPO-CON/AGC

Program Updates National Performance Measurement Working Group
AASHTO/EMTSP Equipment Management Certification Program

TUESDAY, JULY 29, 2014
Salon A
8:00 a.m.–9:45 a.m.

Current Research Project
A. Guidelines for the Development of Highway Operations Equipment Utilization and Management

New Research Problem Statement
A. Select project for next year
B. Solicit volunteer to draft research problem statement

Activities for the Coming Year

WEDNESDAY, JULY 30, 2014
Salon A
8:00 a.m.–9:45 a.m.

EMTSP Oversight Panel Meeting
A. Review EMTSP Budget and Work Plan
B. Review Accomplishments
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C. Regional Partnerships Update
   a. Northeast
   b. Midwest
   c. West
   d. Southeast

D. EMTSP Strategic Plan
   a. Review for Currency and Relevance
   b. Review and Update Action Items

E. Website Enhancements
   a. Listserv Functionality
   b. AASHTO Equipment Reference Book Items
   c. Equipment Specifications
   d. Performance Measures
   e. Others

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**Pavement**

**Chair:** George Conner, ALDOT  
**Vice Chair:** Anita Bush, Nevada DOT (Performance Management and Research)  
**Vice Chair:** Scott Capps, NCDOT (Environmental and Workforce Development)  
**FHWA Liaison:** Marc Hoelscher, FHWA

**MONDAY, JULY 28, 2014**  
**Salon D**  
3:30 p.m. – 5:30 p.m.

Welcome and General PTWG Committee Business
- Overview of Pavements TWG
- Membership
- Mission Statement and Goals
- Focus Areas
- Recent Accomplishments of the PTWG
- Pavement TWG Research Problem Statements, Topics and Schedule
- Introduction and Call for Resolutions

Updates from AASHTO Partners
- Updates on NCPP, TSP2 and Regional Partnerships  
  (Including National Conference and International Conference)  
  Larry Galehouse, Executive Director, National Center for Pavement Preservation (20 minutes)
- Industry Update—FP2  
  James Moulthrop/Rod Birdsall
- FHWA Update  
  Marc Hoelscher
- Proposal for Preservation Certification  
  Larry Galehouse

Evaluation and Modification of TWG Priorities
  George Conner, Anita Bush
- Review 2013 Results
- 2014 Priorities

Technical Presentation
- Maintenance of OGFC: The North Carolina Experience  
  Colin Durante and Cecil Jones
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**TUESDAY, JULY 29, 2014**

**Salon D**

8:00 a.m.–9:45 a.m. **Technical Presentations**
- Performance Measures for Pavements and Pavement Maintenance in Asset Management Systems
  FHWA/PTWG Leadership
- Funding Issues for Pavements—The Alabama Experience
  George Conner
- Durability of OGFC Safety Layers—Survey Results and NCDOT/SCDOT Experiences
  Jim Feda, SCDOT and Scott Capps, NCDOT

**PTWG Annual Business Meeting**
- Updates on Resolutions/Research Problem Statements

**WEDNESDAY, JULY 30, 2014**

**Salon D**

10:15 a.m.–11:45 a.m. **Updates from AASHTO Partners**
- NCHRP Update
  Marc Hoelscher
- TRB Update
  James Bryant
- SHRP2 Update for Pavement Preservation R-26
  David Peshkin (10 minutes)

**PTWG Annual Business Meeting**
- Formal Introduction of New Vice-Chair for PTWG
- Discussion and Approval of:
  - 2014 Pavements TWG Research Problem Statements
  - 2014 Resolutions
  - 2014/2015 Work Plan
- Other Business
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Welcome/Introductions
• Review Statement of Work
• 2014 Work Plan Development of TWG 2015 Work Plan
  Steve Lund, MNDOT

Research Need Statements Status of Current Efforts and Identification and Discussion of New Needs
  Jim Feda (SCDOT)

Winter Group Report Outs—Clear Roads, Aurora/TRB, WMTSP—
  David Weider (CODOT)
  Max Perchanok (Ontario Ministry of Transportation)
  Lee Smithson (SICOP)

PIARC Report Out
  Rick Nelson (NVDOT)

Safety Focus

Utah DOT Effort to Capture Road Conditions
  Kevin Griffin, (UDOT)

Effort to Gather Real-Time Data from Non-Traditional Sources
  All

Workforce Development—TC3
  Jim Feda (SCDOT)
  • TC3
  • Open discussion on what your state is doing—All
WEDNESDAY, JULY 30, 2014
Salon E
8:00 a.m.–9:45 a.m.

Reliability Focus

FHWA Update—Paul Pisano (FHWA)
- Connected Vehicles
- Salt Management
- Latest news on WZ Management
- Latest news on Road Weather Management

Pathfinder Project—Building the Working Relationship Between the States and the National Weather Service
Rick Nelson (NVDOT) and Paul Pisano (FHWA)

Iowa’s Program of Plow Truck Tracking and Cameras
Bob Younie (IADOT)

Round Robin/Results of the Week
Steve Lund (MNDOT)

AASHTO Subcommittee on Maintenance
FUTURE MEETINGS

2015—DES MOINES, IOWA
2016—NEVADA
2017—RHODE ISLAND
2018—NORTH CAROLINA
MONDAY, JULY 28, 2014
Salon C

3:30 p.m.–5:30 p.m. Introductions, Spring Webinar Overview, Research Review
Jerry Hatcher, TDOT

Innovative Technology for Pipe Culverts Inspection
Ryan Harrington, Snap Tite; John Bowles, Inversa Technology

3rd Party Recovery of State Property Damage Costs
Joanna Campbell, Georgia DOT

Closing Announcements
Jerry Hatcher, TDOT

TUESDAY, JULY 29, 2014
Salon C

8:00 a.m.–9:45 a.m. Welcome and Announcements
Jerry Hatcher, TDOT

Preliminary Results of NCHRP Synthesis Topic 45-13, Maintenance Quality Assurance (MQA) Field Inspection Practices
Katie Zimmerman, Applied Pavement Technology, Inc.

Using RoadMAP for Vegetation Management
George Conner, Georgia DOT

Innovative Contract Procurement: Job Order Contracting
Beth Wright, Missouri DOT

Roadway/Roadsides Research Needs
Thomas Lyden, Ohio DOT

Closing Announcements
Jerry Hatcher, TDOT

WEDNESDAY, JULY 30, 2014
Salon C

10:15 a.m.–Noon Welcome and Announcements
Jerry Hatcher, TDOT

Needs-Based Budgeting
Lonnie Hendrix, Arizona DOT & Rob Zilay, Dye Management

AASHTO Asset Management Tools: TAMP Builder and Portal
Hyun-A Park, Spy Pond Partners

Resolutions and Closing Announcements
Jerry Hatcher, TDOT
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# Bridge

**Chair:** Jeffrey L. Milton, VDOT  
**Vice Chair:** Steven J. Cook, MDOT (Research and Workforce Development)  
**Vice Chair:** David R. Miller, LDOT (Performance Measures and Environmental)  
**FHWA Liaison:** Anwar Ahmad, FHWA

## MONDAY, JULY 28, 2014

### Salon F

1:00 p.m.–3:00 p.m.

Welcome and Introductions  
Jeff Milton

Review of Work Plan Accomplishments  
Jeff Milton

TSP2 Update  
Ed Welch

Reports from Chairs of the TSP2 Bridge Preservation Partnerships

Technical Presentation—West Virginia Bridge Program  
Billy Varney

## TUESDAY, JULY 29, 2014

### Salon F

10:15 a.m.–11:45 a.m.

Research Update  
Amir Hanna

FHWA Update  
Anwar Ahmad

AASHTO SCOBS Update  
David Miller

Epoxy Injection Repairs of De-bonded Rigid Overlays for Bridge Decks  
Steve Cook

Louisiana Historic Bridge Program  
David Miller

## WEDNESDAY, JULY 30, 2014

### Salon F

8:00 a.m.–9:45 a.m.

Develop Research Needs Statements  
All

Develop Resolutions  
All

All
AASHTO and the Subcommittee on Maintenance would like to thank our Sponsors for their support.