

Saturday, July 14, 2012

8:00 a.m. - 5:00 p.m. Pre-Conference Meeting / AASHTO SICOP Meeting – **Medina**

Sunday, July 15, 2012

10:00 a.m. - 6:00 p.m. Registration / Information Desk Open

1:00 p.m. – 5:00 p.m. AASHTO SCOM Leadership Meeting (by invitation) – **Ballard**
Vendor Setup

6:00 p.m. Icebreaker Social – **Cirrus Ballroom**

Monday, July 16, 2012

7:00 a.m. - 5:00 p.m. Registration and Information

7:00 a.m. - 9:00 a.m. Breakfast – **Metropolitan B**

7:15 a.m. - 8:00 a.m. New Member Orientation Breakfast – **Ballard**
Jennifer Brandenburg, North Carolina Department of Transportation, presiding

8:00 a.m. - 9:30 a.m. Opening Session – **Grand Ballroom C**
Carlos Braceras, Utah Department of Transportation, presiding

Color Guard / National Anthem – Washington State Patrol

Welcome

Chris Christopher, Washington State Department of Transportation

Updates: Federal Highway Administration
Butch Waidelich, Federal Highway Administration

AASHTO SHRP2 Implementation
John Conrad, CH2M Hill

Alaskan Way Viaduct Replacement and Tunnel Projects
Linea Laird, Washington State Department of Transportation

9:30 a.m. - 10:00 a.m. Break – **Metropolitan B**

10:00 a.m. - 12:00 p.m. Technical Working Groups – Breakout Sessions

- Bridge - **Ballard**
- Equipment - **Medina**
- Highway Safety and Reliability - **Leschi**
- Pavement - **Ravenna**
- Roadway and Roadside - **Kirkland**

12:00 p.m. - 1:00 p.m. Lunch – **Metropolitan B**

1:00 p.m. – 2:00 p.m.

Maintenance and Preservation Contracting – Grand Ballroom C

Chris Christopher, Washington State Department of Transportation, presiding

Panel Discussion:

Members:

Jennifer Brandenburg, NCDOT

Tim Lattner, FDOT

Beth Wright, MoDOT

Jeff Baker, MTO

David Rader, ICA

Paul DeAngelo, DBI Services

Sara Henningsgaard, Jorgenson

2:00 p.m. - 3:15 p.m.

TRACK A – Grand Ballroom C

Issues in Pavement Preservation and Maintenance

Eric Pitts, Georgia Department of Transportation, presiding

Sponsored by the Pavement and Bridge Technical Working Groups

- **Using Automated Pavement Condition Measurements to Indicate Appropriate Pavement Preservation and Maintenance Options** (MMC-2012-103)
Mary Stroup-Gardiner, Gardiner Technical Services; Dharamveer Singh, University of Oklahoma
- **Improvements in Asphalt Rubber Chip Seal Application with Warm Mix Technology** (MMC-2012-145)
DingXin Chen, Lerose Lane and R. Gary Hicks, California Pavement Preservation Center
- **Partnering in Maintenance Management – It Works!** (MMC-2012-144A)
Milton Thacker, DBI Services

TRACK B – Ballard

Equipment Training and Implementation of New Technologies

Erle Potter, Virginia Department of Transportation, presiding

Sponsored by Equipment, Highway and Reliability Technical Working Groups

- **Equipment Mechanic Training and Certification** (MMC-2012-120)
David W. Wemhoff, ManTech Systems Engineering and Advanced Technologies, Inc.
- **Use of AVL, GIS, and GPS Systems to Increase Efficiencies and Decrease Cost in Maintenance Management** (MMC-2012-137)
Amy Burlarley-Hyland, Bill Toothill and Arobindu Das, DBI Services LLC
- **Connecting AVL, GPS, MDSS and ITS to Improve Traveler and Highway Maintainer (Snowplow Operator) Safety** (MMC-2012-126A)
Anthony K. McClellan, Meridian Environmental Technology, Inc.; Steve P. Garbe, Iteris, Inc.

3:15 p.m. - 3:45 p.m.

Break – **Metropolitan B**

3:45 p.m. – 5:00 p.m.

Performance Measures, Decision Support and Risk Management in Highway Maintenance – Grand Ballroom C

Steve Lund, Minnesota Department of Transportation, presiding

Sponsored by the Highway Safety and Reliability Technical Working Group

- **Performance-Based Maintenance and Operations Management** (MMC-2012-135)
Michael J. Markow, Consultant in Transportation and Infrastructure
- **Best Practices in Highway Maintenance Performance Measuring** (MMC-2012-139)
Kathryn A. Zimmerman, Applied Pavement Technology; Russ Yurek, Maryland State Highway Administration

- **Decision Support Technologies and Maintenance Management** (MMC-2012-125A)
Benjamin W. Hershey, Anthony K. McClellan and John J. Mewes, Meridian Environmental Technology, Inc.

5:00 p.m.

Adjourn (Dinner on your own)

Tuesday, July 17, 2012

7:00 a.m. - 12:00 a.m.

Registration and Information

7:00 a.m. - 8:00 a.m.

Technical Working Groups Leadership Breakfast – **Issaquah**

7:00 a.m. - 9:00 a.m.

Breakfast – **Metropolitan B**

8:00 a.m. - 9:30 a.m.

Technical Working Groups Breakout Sessions

- Bridge – **Grand Ballroom C**
 - **Bridge Deck Preservation and Crash Reduction** (MMC-2012-105A)
Richard J. Baker, Interstate Road Management Corp.
- Equipment - **Issaquah**
- Roadway and Roadside - **Ravenna**

9:30 a.m. - 10:00 a.m.

Break – **Metropolitan B**

10:00 a.m. - 11:30 a.m.

Technical Working Groups Breakout Sessions

- Highway Safety and Reliability - **Ravenna**
 - **Public Works / DOT Role in Traffic Incident Management and All-Emergencies Response** (MMC-2012-109A)
Dave Bergner, International Municipal Signal Association; Kim Vasconez, Federal Highway Administration
- Pavement – **Grand Ballroom C**
 - **An Optimization Model for Pavement Maintenance Planning and Resource Allocation** (MMC-2012-136)
Mary I. Panagopoulou and Athanasios P. Chassiakos, University of Patras, Greece

11:30 a.m. – 12:00 p.m.

Gather in hotel lobby and load tour buses

12:00 p.m. - 6:00 p.m.

Technical Tour of I-90 Floating Bridge and Tunnel

Buses will begin loading at 11:45 a.m. At the bridge stop, activities include a short boat ride to a one hour tour of a bridge pontoon structure. Ladder climbing and negotiating hatches will be necessary. In lieu of the pontoon tour, participants may elect to take a 30 minute boat tour of the bridge. At the tunnel stop, participants will tour the tunnel operations. Wear suitable footwear and bring a jacket; all necessary personal protective equipment will be provided.

6:00 p.m.

Adjourn

Wednesday, July 18, 2012

- 7:00 a.m. - 5:00 p.m. Registration and Information
- 7:00 a.m. – 8:00 a.m. Federal Highway Administration Breakfast – **Ballard**
- 7:00 a.m. – 9:00 a.m. Breakfast – **Metropolitan B**
- 8:00 a.m. - 9:45 a.m. **Bridge Maintenance, Inspection and Management – Grand Ballroom C**
Peter Weykamp, New York Department of Transportation, presiding
Sponsored by Bridge Technical Working Group
- **Determining the Items that Structure Bridge Management Components and their Relative Weights** (MMC-2012-142A)
Joshua Johnson and Mehmet E. Ozbe, Colorado State University
 - **Bridge Element Deterioration and Life Expectancy in Florida and Virginia** (MMC-2012-122)
Paul D. Thompson, Consultant
 - **Mn/DOT's New Integrated Bridge Maintenance, Inspection, and Management System** (MMC-2012-131A)
Jeremy Shaffer, InspectTech
 - **Effective Use of Structural Health Monitoring for Highway Bridge Maintenance** (MMC-2012-104)
Steven C. Lovejoy, Oregon Department of Transportation; Barry Myers, Engineered Monitoring Solutions, Inc.
- 9:45 a.m. - 10:15 a.m. Break – **Metropolitan B**
- 10:15 a.m. – 12:00 p.m. **Maintenance of Roadways and Roadsides – Grand Ballroom C**
Mike Mattison, Nebraska Department of Roads, presiding
Sponsored by the Roadway and Roadside Technical Working Group
- **Level of Service Ranking Using the Percent Within Limits Measure** (MMC-2012-143)
Robert L. Schmitt, Samuel Owusu-Ababio and William M. McElroy, University of Wisconsin; Richard M. Weed, Consultant
 - **Wet Night Visibility of Pavement Markings: Research and Test Methods** (MMC-2012-102)
Paul J. Carlson, Texas Transportation Institute
 - **Developing an Effective Traffic Control Devices and Roadway Lighting Maintenance Management Program** (MMC-2012-106A)
Dave Bergner and Lonnie Tebow, International Municipal Signal Association
 - **Are Demonstration Projects Worthwhile? Two Successful Case Histories: Geosynthetically Reinforced Soil Walls and Ballistic Soil Nails for Shallow Roadside Slope Failures** (MMC-2012-138A)
Robert Barrett, John Stewart, Colby Barrett and Bryan Wavra, Soil Nail Launcher, Inc.
- 12:00 p.m. - 1:00 p.m. Lunch – **Metropolitan B**
- 1:00 p.m. - 2:45 p.m. Technical Working Groups Breakout Sessions
- Pavement – **Grand Ballroom C**
 - Roadway and Roadside – **Ravenna**
- 2:45 p.m. - 3:15 p.m. Break – **Metropolitan B**
- 3:15 p.m. – 5:00 p.m. Technical Working Groups Breakout Sessions
- Bridge – **Ballard**
 - Equipment - **Kirkland**
 - Highway Safety and Reliability - **Ravenna**

5:30 p.m. – 10:30 p.m. Tillicum Village Cruise and Dinner
Buses will load at 5:30 p.m. You may also walk the 10 blocks to the dock. Maps & directions will be provided. The boat will leave at 6:30 p.m. for a 45 minute boat ride across Puget Sound to Blake Island & Tillicum Village. There will be a Northwest salmon dinner/dance performance in the spirit of West Coast Natives. The boat will return to the Seattle dock at 10:30 p.m. and will be met by buses to return you to the hotel.

Thursday, July 19, 2012

7:00 a.m. - 12:00 p.m. Registration and Information

7:00 a.m. - 9:00 a.m. Breakfast – **Metropolitan A and B**

8:00 a.m. – 9:45 a.m. **Subcommittee on Maintenance Business Meeting** - Grand Ballroom C**
Chris Christopher, Washington Department of Transportation, presiding

Technical Working Group Reports

- Bridge
- Equipment
- Highway Safety and Reliability
- Pavement
- Roadway and Roadside

9:45 a.m. – 10:15 a.m. Break – **Metropolitan B**

10:15 a.m. – 12:00 p.m. **Subcommittee on Maintenance Business Meeting** (cont.) – Grand Ballroom C**
Chris Christopher, Washington Department of Transportation, presiding

Reports and Resolutions

12:00 p.m. Adjourn

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

Future Meetings:
2013 – Burlington, Vermont
2014 – Charleston, West Virginia
2015 – MAASTO
2016 - WASHTO