

**Agenda Outline** (Final as of September 4, 2013)

**2013 National Winter Maintenance Peer Exchange**  
**Theme “Sustainable Winter Service—Moving from Art to Science”**  
**September 10-11, 2013**

**Red Lion Vancouver at the Quay [www.redlion.com/vancouver](http://www.redlion.com/vancouver)**  
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**Monday, September 9, 2013**

Aurora, Clear Roads, and AASHTO WMTSP/SICOP each meet separately to conduct their business followed by a joint meeting beginning about 3:00 PM to coordinate details for the Peer Exchange and to consolidate/assign new research needs statements (RNS). Breakfast will be available in the West River 1 Room from 7:00 AM to 8:00 AM. Lunch will be available at Noon in the West River 1 Room. The Aurora meeting will be held in the East River 2 Room. The Clear Roads meeting will be held in the East River 1 Room. AASHTO WMTSP will meet in the West River 1 Room at 1:00 PM.

**Tuesday, September 10, 2013**

<b>Time</b>	<b>Presenter</b>	<b>Topic/ Description</b>
<b>7:00 to 8:00</b>		<b>Breakfast (Centennial Center)</b>
<b>8:00 to 8:45</b>	Lee Smithson, AASHTO Chris Christopher, Washington DOT, and Consortia Chairs	<b>Opening/Welcome Session (West River 1 &amp; 2 and East River 2)</b> Opening remarks/Introductions—Lee Smithson, AASHTO Welcoming remarks—Chris Christopher, WA DOT State Maintenance Engineer Peer Exchange expectations—Lee Smithson
<b>8:45 to 9:30</b>	Gabriel Guevara, FHWA, Transportation Specialist	<b>Overview of Map-21</b> This opening session will provide an overview of MAP-21 and its impact on winter maintenance. MAP-21 is the first long-term highway authorization enacted by Congress since 2005. It is a performance and outcome-based program designed to improve maintenance of the infrastructure, reduce traffic congestion, improve efficiency of the system and freight movement, and protect the environment.

Time	Presenter	Topic/ Description
		Section 1203 “Performance Management” of MAP-21 relates to maintenance and particularly winter maintenance operations (safety, congestion reduction, system reliability, and environmental sustainability. The session will conclude with a presentation on FHWA’s “Sustainable Highway’s Self-Evaluation Tool” and the use of OM-9: Snow and Ice Control for assisting State DOTs with minimizing environmental impacts while providing continued or better level of service.
<b>9:30 to 10:00</b>		<b>Break and time with vendors (Hallway)</b>
<b>10:00 to 11:00</b>	Laura Fay Research Scientist Western Transportation Institute	<b>NCHRP Project 25-25(04), Revised Chapter 8 (NCHRP 20-07/Task 318) <i>Winter Maintenance Operations and Salt, Sand, and Chemical Management.</i></b> NCHRP Project 25-25(04) <i>Environmental Stewardship Practices, Procedures, and Policies for Highway Construction and Maintenance</i> , Revised Chapter 8 (NCHRP 20-07/Task 318) <i>Winter Maintenance Operations and Salt, Sand, and Chemical Management.</i> This work will be completed in spring 2013. This presentation will provide an overview of the Revised Chapter, review some of the best practices and discuss how to keep the Chapter updated. The report identifies knowledge gaps and areas with limited or little research and provides suggested research recommendations.
<b>11:00 to Noon</b>	Gabriel Guevara	<b>FHWA Report on the Road Weather Management Program (RWMP)</b> FHWA reports on the Road Weather Management Program (RWMP) which would include updates on the <i>Clarus</i> Transition Plan, Data Sharing Agreements, Road Weather Messages, Best Practices for Road Weather Management, Performance Measures, Connected Vehicle, Update on RWMP Roadmap/Funding, and Future Directions.
<b>Noon to 1:00</b>		<b>Lunch (Centennial Center)</b>
<b>1:00 to 2:30</b>	Consortia and Committee Chairs Aurora Jason Norville, Chair Chris Albrecht, Admin Spt Clear Roads	<b>Research Consortia: Progress Reports</b> Aurora, Clear Roads/PNS, and AASHTO WMTSP/SICOP (includes TRB chairs [TRB Winter Maintenance Committee and TRB Surface Transportation Weather Committee] who are members of the WMTSP/SICOP) progress reports.

Time	Presenter	Topic/ Description
	David Wieder, Chair Colleen Bos, Admin Spt AASHTO WMTSP/SICOP Rick Nelson, Chair Lee Smithson, Admin Spt Wilf Nixon, TRB Chair Max Perchanok, TRB Chair	
<b>2:30 to 3:00</b>		<b>Break and time with vendors (Hallway)</b>
<b>3:00 to 4:15</b>	Consortia and Committee Chairs	<b>Research Needs Statements (RNS) Progress Reports</b> Review progress on Research Needs Statements (RNS) from 2007, 2009 and 2011 Peer Exchanges to include identification of practice ready projects and forthcoming work products and implementation strategies. Review new RNSs that have been submitted and identify the research consortium (s) that will champion each project.
<b>4:15 to 5:00</b>	Consortia and Committee Chairs and Presenters	<b>Open Discussion</b> Open discussion and review of materials presented on September 10 <sup>th</sup> and expectations for September 11 <sup>th</sup> .
<b>5:00 to 5:30</b>	Lee Smithson/Vendors	Vendor introduction
<b>5:30</b>		<b>Time with vendors (Quayside/Portside)</b>

### Wednesday, September 11, 2013

<b>7:00 to 8:00</b>		<b>Breakfast (Centennial Center)</b>
<b>8:00 to Noon</b>	Allen Williams, VA DOT	<b>Best Practices Presentations West River 1 &amp; 2 and East River 2)</b> Presentation of best method practices and processes currently being used by selected state DOTs. These practices/processes will be selected from those provided by state DOTs in Question #3 of the "Survey Questions, (February 25, 2013), 2013 National Winter Maintenance Peer Exchange"
<b>10:00 to 10:30</b>		<b>Break and time with vendors (Hallway)</b>
<b>10:30 to Noon</b>	Allen Williams	<b>Best Practices Presentations (continued)</b>

<b>Noon to 1:00</b>		<b>Lunch (Centennial Center)</b>
<b>1:00 to 1:45</b>	Chris Albrecht Colleen Bos	<b>Open Discussion: Techniques for Improving Technology Transfer</b> Present some options that are currently being used for technology transfer (ie, webinars [EPA’s Stormwater Pollution Prevention Webinar Series: Road Salt Pollution Prevention Strategies, SHRP2 Webinars: SHRP2 Rollout, FHWA Best Practices Webinars, Road Weather Management, etc], CBTs, SICOP List Serve, newsletters, private sector webinars, snow warriors, corner state shoulder to shoulder demonstrations, snow conferences, etc), obtain input from attendees about the effectiveness of these current practices, and identify other techniques they believe would be effective in getting the word out to the field and putting research results into practice.
<b>1:45 to 2:00</b>	Wilf Nixon, Professor University of Iowa	<b>Instructions: Breakout Sessions</b> Instructions for organizing and conducting “role-based” Breakout Sessions.
<b>2:00 to 2:30</b>		<b>Break (Hallway)</b>
<b>2:30 to 3:45</b>	Wilf Nixon, facilitator  #1. Curt Pape, MN DOT & Jason Norville, PA DOT  #2. Monty Mills, WA DOT &Mike Adams, WI DOT  #3. Tina Greenfield, IA DOT and Jeff Williams, UT DOT	<b>Breakout Sessions</b> Three breakout sessions will be structured to include input from state DOTs as listed in Question #4 of the “Survey Questions, (February 25, 2013), 2013 National Winter Maintenance Peer Exchange”. Preliminary breakout sessions topics might include:  1. Management Breakout Session topics such as: Emergency Declarations; Communications (use of social media, damage control, etc.); Sustainable Operations; Staff Training; Best Method Practices; Performance Measures; Winter Messaging (Pre-storm and during storm); Customer Expectation; etc. <b>(East Room 2)</b>  2. Maintenance Operations Breakout Session: Training; Use of Decision Support Systems; Equipment Needs/Calibration; Anti-icing; Material Storage; Material Selection; etc. <b>(West Room 1)</b>  3. Roadway Weather Systems Breakout Session: Sensor accuracy; Integration with MDSS; Performance Measures; etc. <b>(West Room 2)</b>
<b>3:45 to 4:00</b>		<b>Break to allow rooms dividers to be rearranged</b>

4:00 to 4:45	Wilf Nixon	<b>Breakout Session Summary Reports (West Room 1 &amp; 2 and East Room 2)</b> Representative from each Breakout Session will summarize the results of their discussions.
4:45 to 5:15	Consortia Chairs	<b>Wrap up Discussion</b> Review of materials presented on September 10 <sup>th</sup> and 11 <sup>th</sup> and answer any remaining questions from Sessions. Complete Peer Evaluation form.

#### Web Site Information

Aurora <http://www.aurora-program.org>

Clear Roads: <http://www.clearroads.org>

AASHTO WMTSP/SICOP <http://sicop.transportation.org/Pages/default.aspx>

Snow and Ice List Serve <http://sicop.transportation.org/Pages/SnowandIceList-Serve.aspx>

FHWA Road Weather Management <http://www.ops.fhwa.dot.gov/weather/>

Winter Maintenance Peer Exchange <http://www.westerntransportationinstitute.org/professionaldevelopment/national-winter-maintenance-peer-exchange>

#### Thursday, September 12, 2013

This day would be for Aurora, Clear Roads and AASHTO WMTSP/SICOP to review accomplishments from the Peer Exchange, identify gaps, and determine follow-on actions. It is anticipated this will be an all-day meeting for Clear Roads and half day for Aurora and AASHTO WMTSP/SICOP. Need to decide if a joint meeting is needed.