



AGENDA
Clear Roads Fall Meeting
National Winter Maintenance Peer Exchange
September 11-14, 2017
DoubleTree by Hilton Hotel & Suites Pittsburgh Downtown
1 Bigelow Square | Pittsburgh, PA 15219
Meeting Room: Erie

Sunday, September 10, 2017

Dinner on your own

Monday, September 11, 2017 – 8:00 am to 5:00 pm

Breakfast provided in the Three Rivers Ballroom beginning at 7 am

Time	Facilitator	Topic
8:00 to 8:15	Brian Burne	Introductions and Meeting Objectives <ul style="list-style-type: none"> • Welcome and opening remarks (Rich Roman, Director of Maintenance and Operations) • Introductions and welcome new members (Brian Burne) • Brief overview of Clear Roads goals and activities (Brian Burne) • Agenda review (Brian Burne)
8:15 to 10:00	Brian Burne/ Clear Roads TAC	Business Card Roundtable Every TAC member discusses 1 or 2 of the biggest winter maintenance issues their state is dealing with.
10:00 to 10:15		Break
10:15 to 11:15	Clear Roads TAC	Business Card Roundtable (cont'd)
11:15 to 11:45	James Morin/ Patti Caswell/ Ron Wright	Pacific Northwest Snowfighters Discuss the need to potentially reorganize the PNS group.
11:45 to Noon	Greg Waidley	Clear Roads Budget Overview of the Clear Roads budget.
Noon to 1:00		Lunch
1:00 to 1:45	Greg Waidley/ Brian Burne	Synthesis Problem Statements Discuss and select synthesis projects.

Monday, September 11, 2017 (continued)

Time	Facilitator	Topic
1:45 to 3:15	Various	<p>Update on Projects in Progress (included in these updates: problem/need, goals/objectives, expected results, current status of project, and implementation opportunities)</p> <ul style="list-style-type: none"> • 12-03: Understanding the Chemical and Mechanical Performance of Snow and Ice Control Agents on Porous or Permeable Pavements (Mike Lashmet) • 14-02: Quantifying the Impact that New Capital Projects Will Have on Roadway Snow and Ice Control (RSIC) Operations (Todd Law) • 15-01: Synthesis of Material Application Methodologies for Winter Operations (Jeff Pifer) • 15-02: Identification and Recommendations for Correction of Equipment Factors Causing Fatigue in Snowplow Operators (Allen Williams) • 16-01 GPS/AVL Case Studies (Patti Caswell, Todd Miller) • 16-02 AWSSI Enhancements in Support of Winter Road Maintenance (Brian Burne) • 16-03 Identification of Mobile Technologies for the Assessment of Winter Road Conditions (Cliff Spoonemore) • 16-04 Emergency Ops Methodology for Extreme Winter Storm Events (Mike Lashmet, John DeCastro) • 16-05 Weather Event Reconstruction and Analysis Tool (Brian Burne, Patti Caswell) • 16-06 Training Video for the Implementation of Liquid Only Plow Routes (Jeff Pifer, Scott Lucas) • 17-S4 Subject-based Web Pages (Brian Burne)
3:15 to 3:30		Break
3:30 to 4:00	Tom Peters	RFP for Clear Roads Administration
4:00 to 4:30	Gabe Guevara	FHWA Update
4:30 to 5:00	Wilf Nixon	APWA Update
5:00	Brian Burne	Adjourn/Wrap-Up
		Dinner (on your own)

Tuesday, September 12, 2017 – 8:00 am to 4:45 pm

Breakfast provided in the Three Rivers Ballroom beginning at 7 am

Time	Facilitator	Topic
8:00 to 8:15	Brian Burne	Meeting Objectives Brian will review the objectives for Day 2.
8:15 to 9:00	Rick Nelson	SICOP/PIARC Report
9:00 to 10:00	Jeff Pifer/ Scott Lucas	Outcomes of a Recently Completed Project (included in these outcomes should be a reminder of project need and goals, as well as outcomes and implementation opportunities/successes) <ul style="list-style-type: none"> • 14-03: Developing a Training Video and Manual for Best Practices and Techniques in Clearing Different Interchange Configurations and Other Geometric Layouts
10:00 to 10:15		Break
10:15 to 10:45	Greg Waidley	Future Meetings Discuss dates and location for spring and fall 2018.
10:45 to 11:15	Operating Procedures Committee	Report Out on Update of Operating Procedures
11:15 to 11:45	Mike Lashmet/ Sandi Sauter	No Boundaries: Roadway Maintenance Practices Receive information on the non-winter maintenance pooled fund.
11:45 to noon	Greg Waidley	Select Research Development Groups for FY2018 Research
Noon to 1:00		Lunch
National Winter Maintenance Peer Exchange		
1:00 to 2:15	NWMPE	Opening Session <ul style="list-style-type: none"> • Host State Welcome • Introductions
2:15 to 3:15	NWMPE	Committee Briefings on Research Completed and Underway (Aurora, Clear Roads, TRB Winter Maintenance, TRB Transportation Surface Weather, SICOP, FHWA, MDSS Pooled Fund)
3:15 to 3:45		Break (networking with vendors)
3:45 to 4:45	NWMPE	Panel Discussion – Moving Research to Operations: Implementing Change in a Risk Adverse Environment <ul style="list-style-type: none"> • Rick Nelson – AASHTO • Mike Adams – WisDOT • Tina Greenfield – Iowa DOT • Tony McClellan – INDOT
5:30 to 8:00		Reception – Evening with Industry – Hotel

Wednesday, September 13, 2017 – 8:00 am to 4:30 pm

Breakfast provided in the Three Rivers Ballroom beginning at 7 am

Time	Facilitator	Topic
8:00 to 9:45	NWMPE	State Best Practice Presentations <ul style="list-style-type: none"> Wisconsin – Route Optimization Maine – Maintenance Management System and how we track salt usage and storm costs Michigan – Advancements in maintenance operations at MDOT Minnesota – Overview of current RWIS and system expansion plans University of Wisconsin – Workforce competency model for highway maintenance engineering KSAs
9:45 to 10:15		Break (networking with vendors)
10:15 to noon	NWMPE	State Best Practice Presentations <ul style="list-style-type: none"> Arizona – AVL data applications Pennsylvania – improved operations and public communication through use of 511, VAL, and reverse 911 technologies Virginia – AVL/GPS usage and how we share the information with the public Canada-Emcon – AVL integration with budgets and the public Canada-Ontario – TrackMyPlow, including plowcams
noon to 1:00		Lunch
1:00 to 3:30	NWMPE	Breakout Sessions (floating break as needed) <ul style="list-style-type: none"> Tactics & Technology Equipment & Materials Big Data, Performance Measures & Public Relations Workforce Development & Contracting for Services
3:30 to 4:30	NWMPE	Report Out – Wrap Up – Adjourn

Thursday, September 14, 2017 – 8:00 am to 4:00 pm

Breakfast provided in the Three Rivers Ballroom beginning at 7 am

Time	Facilitator	Topic
8:00 to noon	NWMPE	Joint Meeting: Aurora, Clear Roads, SICOP <ul style="list-style-type: none"> Recap 2017 NWMPE Review RNS and discuss opportunities for each Review current research for overlap and opportunities for collaboration
Noon		Adjourn
Clear Roads Pool Fund		
1:00 to 4:00	Jonathan Fleming	Tour of snow and ice facility/bridge or travel home