



AGENDA
Clear Roads Fall Meeting
September 20-21, 2016
Magnolia Hotel, Lavender Room
1615 Howard Street, Omaha, Nebraska

Monday, September 19, 2016

Dinner on your own

Tuesday, September 20, 2016 – 8:00 a.m. to 5:00 p.m.

Breakfast provided in the hotel restaurant (The Lounge) beginning at 6 a.m.

Time	Facilitator	Topic
8:00 to 8:15	Justin Droste	Introductions and Meeting Objectives <ul style="list-style-type: none"> • Welcome and opening remarks (Director, Kyle Schneweis) • “Nebraska from Above” (Tom Renninger) • Introductions and welcome new members (Justin Droste) • Brief overview of Clear Roads goals and activities (Justin Droste) • Agenda review (Justin Droste)
8:15 to 10:00	Greg Waidley/ Justin Droste	Proposal Discussions Review and evaluate proposals for the following projects: <ul style="list-style-type: none"> • 16-01: Utilization of AVL/GPS Technology: Case Studies (Tim Chojnacki, Patti Caswell, Craig Bargfrede, Mike Lashmet, Mike Lashmet, Mark Trennepohl, Todd Hanley, David Gray, Scott Lucas) • 16-03: Standards and Guidance for Using Sensor Technology to Assess Winter Road Conditions (Kyle Lester, Tony McClellan, Cliff Spoonemore, Ruben Boehler, James Morin, Allen Williams, John Mehlhaff) • 16-04: Emergency Operations Methodology for Extreme Winter Storm Events (Mike Lashmet, John DeCastro, Joe Bucci, Rick Nelson, Jon Fleming, Mike Sproul, Todd Law) • 16-05: Weather Event Reconstruction & Analysis Tool (Brian Burne, Patti Caswell, Alastair Probert, Tim Chojnacki, Tom Renninger, Jeff Pifer, Joe Bucci) • 16-06 Training Video for the Implementation of Liquid-Only Plow Routes (Jeff Pifer, Scott Lucas, Tony McClellan, Drew Story, Brandon Klenk, Clay Adams, Paul Brown, Anne Brown)
10:00 to 10:15		Break (Magnolia Ballroom)
10:15 to 11:30	Greg Waidley/ Justin Droste	Proposal Discussions (cont’d)
11:30 to Noon	Greg Waidley	Clear Roads Budget & New TPF Number Overview of the Clear Roads budget [TPF-5(218)], including an update on the transition to a new pooled fund number, TPF-5(353).
Noon to 1:00		Lunch (Magnolia Ballroom)

Tuesday, September 20, 2016 (continued)

Time	Facilitator	Topic
1:00 to 1:45	Greg Waidley/ Justin Droste	Synthesis Problem Statements Discuss and select synthesis projects. <ul style="list-style-type: none"> • Best Practices for the Use of Abrasives Mark Trennepohl, Arizona • Automatic Anti-Icing Systems on Bridge Decks Tony Strainer, Montana • Best Paint Color and Conspicuity Tape Patterns for DOT Equipment Jeff Pifer, West Virginia
1:45 to 3:00	Various	Update on Projects in Progress (included in these updates: problem/need, goals/objectives, expected results, current status of project, and implementation opportunities) <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) • 12-04: Snowplow Operator and Supervisor Training (Greg Waidley) • 14-02: Quantifying the Impact that New Capital Projects Will Have on Roadway Snow and Ice Control (RSIC) Operations (Todd Law) • 14-03: Developing a Training Video and Manual for Best Practices and Techniques in Clearing Different Interchange Configurations and Other Geometric Layouts (Justin Droste) • 14-04: Plug & Play, Ph2 (Allen Williams) • 14-05: Snow Removal Performance Metrics – Phase I: Synthesis (Allen Williams) • 14-07: Snowplow Route Optimization (Clay Adams) • 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) • 15-03: North American Study on Contracting Snow and Ice Response (Justin Droste)
3:00 to 3:15		Break (Magnolia Ballroom)
3:15 to 3:45	Mike Lashmet	New York State Report (Including at least one CR-based implementation activity/effort)
3:45 to 4:15	Justin Droste	Project Proposal Generation Discussion of an innovative process for generating new project ideas.
4:15 to 4:45	Jon Fleming	Pennsylvania State Report (Include at least one CR-based implementation activity/effort)
4:45 to 5:00	Justin Droste	Wrap-Up Justin will review the day's accomplishments and plans for Wednesday.
		Dinner (on your own)

Wednesday, September 21, 2016 – 7:45 a.m. to 4:30 p.m.

Breakfast provided in the hotel restaurant (The Lounge) beginning at 6 a.m.

Time	Facilitator	Topic
7:45 to 8:00	Justin Droste	Meeting Objectives Justin will review the objectives for Day 2.
8:00 to 8:30	Kevin Hensley	APWA Report
8:30 to 9:00	Rick Nelson/ Mark Trennepohl	Clear Roads Collaboration with the Winter Maintenance Community Discuss opportunities for CR collaboration with Aurora, TRB committees, and others.
9:00 to 9:30	Greg Waidley/ Patti Caswell	Outcomes of Recently Completed Project (included in these outcomes should be a reminder of project need and goals, as well as outcomes and implementation opportunities/successes) 14-01 Synthesis of GPS/AVL: Equipment Used for Winter Maintenance (Patti Caswell)
9:30 to 10:00	Justin Droste	Michigan State Report (including at least one CR-based implementation activity/effort)
10:00 to 10:15		Break (Magnolia Ballroom)
10:15 to 10:45	Patti Caswell	Next PNS Conference Discuss possibility of holding joint CR-PNS conference in fall of 2018.
10:45 to 11:15	Gabe Guevara	FHWA Report
11:15 to 11:45	Patti Caswell	Oregon State Report (Including at least one CR-based implementation activity/effort)
11:45 to noon	Greg Waidley	Future Meetings Discuss dates and location for spring and fall 2017.
Noon to 1:00		Lunch (Magnolia Ballroom)
1:00 to 1:30	Chris Smith	California State Report (Including at least one CR-based implementation activity/effort)
1:30 to 2:00	Larry Gangl	North Dakota State Report (Including at least one CR-based implementation activity/effort)
2:00 to 2:15	Justin Droste	Wrap Up
2:15 to 4:30	Tom Renninger	Tour (Nebraska State Traffic Operations Center)
		Dinner (on your own)