

research for winter highway maintenance

Clear Roads 2015 Spring Meeting Agenda Tuesday - Thursday, March 17-19, 2015 Coeur d'Alene Inn Best Western Plus Hayden Room

Monday, March 16, 2015

Dinner on your own.

Tuesday, March 17, 2015

Free breakfast buffet available in the hotel restaurant starting at 6:30 AM.

Time	Facilitator	Торіс
8:00 to 8:15	David Wieder	Introductions and Meeting Objectives Meet new Clear Roads members and other guests. Provide a brief overview of Clear Roads goals and activities. The primary purpose of the meeting is to get updated on current Clear Roads research and to select new projects for RFP development.
8:15 to 10:00	David Wieder	Presentations of Research Proposals Presentation and discussion of potential Clear Roads research projects.
10:00 to 10:15	Break	Break
10:15 to Noon	David Wieder	Continue Project Presentations Continue discussion and evaluation of potential Clear Roads research projects.
Noon to 1:00	Lunch	Lunch will be catered in for all attendees in the Syringa Room.
1:00 to 2:15	David Wieder	Complete Project Presentations Complete discussion and evaluation of projects and submit rankings.
2:15 to 2:45	Colleen Bos	Clear Roads Budget Review of the funds available in the 2014 budget.
2:45 to 3:00	Break	Break
3:00 to 4:00	Colleen Bos	Review Rankings and Select Final List of Projects Funded Review ranking scores and finalize list of funded projects.
4:00 to 4:30	David Wieder	Role of Project Champion and Subcommittee Members Review the roles and responsibilities of the Project Champion and subcommittee members.
4:30 to 5:00	David Wieder/ Colleen Bos	Next Steps and Subcommittee Selection Select project oversight committee members. Discuss next steps for developing the RFPs.

Wednesday, March 18, 2015 Free breakfast buffet available in the hotel restaurant starting at 6:30 AM.

Time	Presenter	Topic/ Description
8:00 to 8:15	David Wieder	Meeting Objectives David will review the objectives for the day.
8:15 to 9:00	Dennis Jensen	Idaho DOT's Winter Performance Measurement System Dennis will present on Idaho Transportation Department's recently adopted Winter Performance Measuring System, which they are using to monitor winter storm maintenance response performance
9:00 to 9:30	Tom Peters	State Report Tom will provide an update on winter maintenance activities and innovations in Minnesota
9:30 to 9:45	Break	Break
9:45 to 10:15	Craig Bargfrede	State Report Craig will provide an update on winter maintenance activities and innovations in Iowa.
10:15 to 12:00	Various	 Update on Previously Funded Projects Synthesis on GPS/AVL Equipment Used for Winter Maintenance (Patti Caswell) Quantifying the Impact that New Capital Projects Will Have on Roadway Snow and Ice Control (RSIC) Operations (Wayne Gammell) Developing a Training Video and Manual for Best Practices and Techniques in Clearing Different Interchange Configurations and Other Geometric Layouts (Justin Droste) Plug and Play Initative (David Wieder) Plug and Play Test Bed (David Wieder) Plug and Play Phase II (Allen Williams) Snow Removal Performance Metrics – Phase I: Synthesis (Allen Williams) Use Of Equipment Lighting During Snowplow Operations (David Frame) Snowplow Route Optimization (Clay Adams) Winter Severity Mapping Enhancement (Cliff Spoonemore) Development of a Winter Driver's Education Program (Craig Bargfrede) Roadway Salt Best Management Practices for Snow and Ice Control (Gabe Guevara)
12:00 to 1:00	Lunch	Lunch will be catered in for all attendees in the Syringa Room.
1:00 to 2:30		 Update on Previously Funded Projects (continued) Environmental Best Management Practices Manual (Brian Burne) Snowplow Operator and Supervisor Training (Mike Sproul) Cost Benefit Analysis of Various Winter Maintenance Strategies (Ron Wright) Best Practices for the Prevention of Corrosion to DOT Equipment: A User's Manual (Justin Droste) Understanding the Effectiveness of Non-Chloride Liquid Agricultural By-Products and Solid Complex Chloride (Ron Wright) Establishing Effective Salt and Anti-icing Application Rates (Monty Mills) Understanding the Chemical and Mechanical Performance of Snow and Ice Control Agents on Porous or Permeable Pavements (Mike Lashmet) Pacific Northwest Snowfighters (Ron Wright)

Wednesday, March 18, 2015 (continued)

Time	Presenter	Topic/ Description
2:30 to 3:00	Ron Wright	State Report
		Ron will provide an update on winter maintenance activities and innovations in Idaho.
3:00 to 3:15	Break	Break
3:15 to 3:45	Justun Juelfs	State Report
		Justun will provide an update on winter maintenance activities and innovations in Montana.
3:45 to 4:15	Rick Nelson	2015 Peer Exchange
		Rick will provide an update on plans for the 2015 Peer Exchange.
4:15 to 4:45	Rick Nelson	SICOP and PIARC Report
		Rick will provide an update on both SICOP and PIARC activities.
4:45 to 5:00	David Wieder	Wrap Up

Thursday, March 19, 2015 Free breakfast buffet available in the hotel restaurant starting at 6:30 AM.

Time	Facilitator	Торіс
8:00 to 8:15	David Wieder	Review the Day 3 Agenda
		Review the day's agenda and goals.
8:15 to 8:45	Scott Lucas	State Report
		Scott will share the report on winter maintenance from Ohio.
8:45 to 9:45	Scott Lucas/	Implementation and Technology Transfer
	David Wieder/ Colleen Bos/	Review ideas for how to bolster implementation efforts and technology
	Tom Peters	transfer to the winter maintenance community.
9:45 to 10:00	Break	Break
10:00 to 10:30	Allen Williams	State Report
		Allen will provide an update on winter maintenance activities and innovations in Virginia.
10:30 to 11:30	Colleen Bos/	RFP Development and Evaluation Process
	Tom Peters/ Clay Adams	Review the process for RFP development and evaluations and discuss
		ways to refine and improve with process within MnDOT's accepted practices.
11:30 to Noon	Brian Burne	State Report
		Brian will share the report on winter maintenance from Maine.
Noon to 1:00	Lunch	Lunch will be catered in for all attendees in the Syringa Room.
1:00 to 1:30	Cliff	State Report
	Spoonemore	Cliff will provide an update on winter maintenance activities and innovations in Wyoming
1:30 to 1:45	Colleen Bos/	Future Meetings
	David Wieder	Discuss plans for the Fall 2015 and Spring 2016 meetings.
1:45 to 2:00	Monty Mills	Collecting Winter Maintenance Program Information
		Monty will talk to the group about resuming and enhancing a past practice
		of collecting basic information about each state's winter maintenance program on an annual basis.
2:00 to 2:15		FHWA Report
2.00 10 2.15	Gabe Guevara	
		Gabe will provide an update on FHWA's activities related to winter maintenance.
2:15 to 2:30	John	APWA Report
	Scharffbillig	John will summarize APWA activity related to winter maintenance.
2:30 to 2:45	Colleen Bos/	Clear Roads to State Presentations
	David Wieder	Colleen and David will review their experience presenting a webinar
		about Clear Roads to the CalTrans Division of Equipment and discuss whether this is something that each state could benefit from.
2:45 to 3:00	David Wieder	Election of the Vice Chair
2.40 10 0.00		Every two years, Clear Roads elects a new Vice Chair and the previous
		Vice Chair takes over the role of Chair.
3:00 to 3:15	David Wieder	Wrap Up