



**Clear Roads 2013 Spring Meeting Agenda**  
**Tuesday - Thursday, May 7 – 9, 2013**  
**Snow King Resort, Jackson Hole, Wyoming**  
**Grand View B**

**Monday, May 6, 2013**

Meet in hotel lobby at 6:30 p.m. Dinner is at 7:00 at Snake River Brewing Company, 265 S Millward St, Jackson, Wyoming. We'll all plan to walk over together.

**Tuesday, May 7, 2013**

Breakfast available in the Mountain View room at 7:30 AM.

Time	Facilitator	Topic
8:00 to 8:15	Cliff Spoonemore	<b>Introductions and Meeting Objectives</b> Meet new Clear Roads members. 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	Cliff Spoonemore	<b>Presentations of Research Proposals</b> Presentation and discussion of potential Clear Roads research projects.
10:00 to 10:15	Break	<b>Break</b>
10:15 to Noon	Cliff Spoonemore	<b>Continue Project Presentations</b> Continue discussion and evaluation of potential Clear Roads research projects.
Noon to 1:00	Lunch	<b>A group lunch will be catered in for all attendees.</b>
1:00 to 2:15	Cliff Spoonemore	<b>Complete Project Presentations</b> Complete discussion and evaluation of projects and submit rankings.
2:15 to 2:30	Monty Mills	<b>Oregon DOT Research on Studded Tires vs Studless Tires</b> Discuss Clear Roads participation in this project.
2:30 to 2:45	Colleen Bos	<b>Clear Roads Budget</b> Review of the funds available in the 2013 budget.
2:45 to 3:00	Break	<b>Break</b>
3:00 to 4:00	Colleen Bos	<b>Review Rankings and Select Final List of Projects Funded</b> Review ranking scores and finalize list of funded projects.
4:00 to 4:30	Colleen Bos	<b>Next Steps and RFP Development</b> Select project oversight committee members. Discuss in detail the goals, expected deliverables, implementation opportunities, etc. of the projects selected for funding.
4:30 to 4:45	Gabe Guevara	<b>FHWA Presentation</b> Gabe will provide an update on FHWA activities.
4:45 to 5:00	Mark DeVries	<b>APWA Update</b> Mark will provide an update on APWA activities.
6:00		<b>Dinner hosted by Cliff Spoonemore. Meet in the Lobby at 5:15 for the shuttle to dinner.</b>

**Wednesday, May 8, 2013**

Breakfast available in the Mountain View room at 7:30 AM.

<b>Time</b>	<b>Facilitator</b>	<b>Topic</b>
8:00 to 8:15	Cliff Spoonemore	<b>Review the Day 2 Agenda</b> Review the day's agenda and goals.
8:15 to 8:45	Justun Juelfs	<b>State Report</b> Share the report on winter maintenance from Montana.
8:45 to 9:00	Scott Wilson	<b>Understanding the True Costs of Snow and Ice Control Operations</b> Provide an update on this project and the tools developed.
9:00 to 9:15	Cliff Spoonemore	<b>Computer-Based Training</b> Review who has access to the CBT and discuss next steps.
9:15 to 9:30	Cliff Spoonemore	<b>Development of a Totally Automated Spreading System</b> Provide an update on this project and the deliverables.
9:30 to 9:45	Allen Williams	<b>Environmental Factors Causing Fatigue in Snowplow Operators</b> Provide an update on this project, testing and deliverables.
9:45 to 10:00	Justin Droste	<b>Comparison of Materials Distribution Systems</b> Provide an update on this project and the survey.
10:00 to 10:15	Break	Break
10:15 to 10:45	Scott Lucas	<b>State Report</b> Share the report on winter maintenance from Ohio.
10:45 to 11:00	Mike Sproul	<b>Snowplow Operator and Supervisor Training</b> Provide an update on the scope and direction.
11:00 to 11:15	Mike Lashmet	<b>Understanding the Chemical and Mechanical Performance of Snow and Ice Control Agents on Porous or Permeable Pavements</b> Provide an update on this project and the early deliverables.
11:15 to 11:30	Monty Mills	<b>Establishing Effective Salt and Anti-icing Application Rates</b> Provide an update on the scope and start of this project.
11:30 to 11:45	David Wieder	<b>Determining the Toxicity of Deicing Materials</b> Provide an update on the testing and direction of the project.
11:45 to 12:00	Ron Wright	<b>PNS</b> Provide a report on PNS activities.
12:00 to 1:00	Lunch	<b>A group lunch will be catered in for all attendees.</b>
1:00 to 1:30	Allen Williams	<b>State Report</b> Share the report on winter maintenance from Virginia.
1:30 to 2:15	David Veneziano	<b>Cost-Benefit Toolkit Phase II Final Report Presentation</b> WTI will present the results of the Cost-Benefit Toolkit Phase II project.
2:15 to 2:30	Break	Break
2:30 to 3:30	David Veneziano	<b>Cost Benefit Toolkit Phase II Training</b> WTI train the Clear Roads TAC on the expanded and improved toolkit.
3:30 to 4:00	Cliff Spoonemore/ Jamie Yount	<b>State Report</b> Share the report on winter maintenance from Wyoming.
4:30 to 7:30	Cliff Spoonemore	<b>Avalanche Site Tour and Dinner</b>

**Thursday, May 9, 2013**

Breakfast available in the Mountain View Room at 7:30 AM.

<b>Time</b>	<b>Facilitator</b>	<b>Topic</b>
8:00 to 8:15	Cliff Spoonemore	<b>Review the Day 3 Agenda</b> Review the day's agenda and goals.
8:15 to 8:45	Brian Burne	<b>State Report</b> Share the report on winter maintenance from Maine.
8:45 to 9:00	Cliff Spoonemore	<b>Vice Chair Selection</b> Select a new Vice Chair, since the current Vice Chair will replace the current Chairman.
9:00 to 9:30	Colleen Bos	<b>Status of Implementation and Technology Transfer Efforts</b> Review the status of implementation efforts for all Clear Roads completed projects.
9:30 to 9:45	Annette Dunn	<b>Plug and Play Specifications Update</b> Provide an update on the progress in developing a specification.
9:45 to 10:00	Lynn Bernhard	<b>Collective Purchasing Strategies</b> Lynn will report back on his research on contracts for collective purchasing.
10:00 to 10:15	Break	Break
10:15 to 10:45	Monty Mills	<b>State Report</b> Share the report on winter maintenance from Washington.
10:45 to 11:15	Monty Mills/ Annette Dunn/ Allen Williams	<b>2013 Peer Exchange</b> Provide an update on plans for the 2013 Peer Exchange.
11:15 to 11:30	Tim Peters	<b>Aurora Update</b> Tim will provide an update on Aurora activities.
11:30 to 12:00	Ron Wright	<b>State Report</b> Report on winter maintenance activities in the state of Idaho.
12:00 to 1:00	Lunch	<b>A group lunch will be catered for all attendees.</b>
1:00 to 1:30	Mike Sproul	<b>Hot Button Topic Discussion: GPS/AVL Technology</b> Group discussion of topic GPS/AVL technology.
1:30 to 1:45	Colleen Bos	<b>Future Meetings</b> Determine dates and location of future meetings.
1:45 to 2:00	Colleen Bos	<b>Evaluating Research Proposals</b> Review MnDOT's new process for proposal evaluations for Clear Roads projects.
2:00	Cliff Spoonemore	<b>Wrap Up</b>

## Clear Roads Meeting Location

**Snow King Resort**  
400 E Snow King Ave  
Jackson, WY 83001  
(307) 733-5200

<http://www.snowking.com/default.aspx>

### Hotel Confirmation Numbers:

Baker	14584		Lashmet	14598
Bernhard	14585		Lucas	14599
Bos	14586		Mattison	14600
Burne	14588		Mills	14601
Casey	14589		Peters (Tim)	14603
Caswell	14614		Peters (Tom)	14604
Chojnacki	14590		Pifer	14609
DeVries	14605		Spoonemore	14606
Dobbins	14593		Spoor	14614
Droste	14594		Sproul	14607
Dunn	14595		St.Clair	14608
Frame	14596		Whitworth	14610
Gangl	14591		Wieder	14611
Guevara	14602		Williams	14612
Juelfs	14597		Wright	14613

### If you are flying:

#### Shuttle

Snow King provides a shuttle free of charge from the airport. I have shared your flight numbers and arrival times with them and the shuttle driver will be waiting when you land. If you do not see someone with a Snow King sign, look for a well-marked van just outside of the baggage claim area in the second lane over.

If you are not able to find the shuttle, please call Snow King at (307) 733-5200 or call me at (608) 628-3792.

### If you are driving:

There is parking available at the hotel free of charge.

Let me know if you need directions to the hotel.