



Clear Roads Fall Meeting Highlights

- Review of the proposals in response to the 2023 RFPs.
- Review of Ohio DOT's Computer-based ELDT program.
- Clear Roads budget
- Frequency of maintenance data and implementation surveys.
- QPL update.
- In-progress projects updates (if you're a project champion, please plan to provide a project update of approximately 10 minutes).
- Partner reports
 - FHWA (Jeremy McGuffey)
 - SICOP (Rick Nelson)
 - APWA (Kevin Hensley)
- State Reports
 - Kansas (Clay Adams)
 - Michigan (Justin Droste)
 - Texas (Matthew Heinze)
 - Rhode Island (Matthew Ouellette)
 - Oregon (Patti Caswell)
 - Delaware (Alastair Probert)
 - Arizona (Kevin DUBY)
 - West Virginia (Jeff Pifer)
- Recently Completed Project Report (Doug McBroom)
- Business roundtables.
- Future meetings.
- Tour of Utah DOT maintenance facility.

AGENDA
Clear Roads Fall Meeting
September 19-21, 2023
Salt Lake City Marriott University Park
480 Wakara Way, Salt Lake City, UT 84108
Meeting Room: Ballrooms 2 and 3

Monday, September 18, 2023

Dinner on your own.

Tuesday, September 19, 2023; 8:00 a.m. to 4:30 p.m.

Breakfast begins at 7:00 am in the Connor Room.

GoToMeeting Credentials...

Link to:

<https://meet.goto.com/593365205>

Using your phone:

Access Code: 593-365-205

United States: [+1 \(669\) 224-3412](tel:+16692243412)

Time	Facilitator	Topic
8:00 to 8:30	Craig Bargfrede	Introductions and Meeting Objectives <ul style="list-style-type: none"> • Welcome and opening remarks. • Member introductions. • Brief overview of Clear Roads goals and activities. • Agenda review.
8:30 to 10:00	Various	Proposal Discussions (Review and evaluate proposals for the following projects) <ul style="list-style-type: none"> • 23-01: Development of a Public Service Announcement Library (<u>David G</u>) <ul style="list-style-type: none"> ○ Background Stories ○ Goff Public ○ WTI, Montana State University • 23-02: Quantifying the Economic Value of Snow and Ice Operational Success (<u>Mark G</u>) <ul style="list-style-type: none"> ○ AECOM ○ Bolton & Menk • 23-03: Updating the Impact of Capital Projects Decision Support Tool (<u>Todd L</u>) <ul style="list-style-type: none"> ○ University of Vermont • 23-04: Solar Radiation Benefits / Chloride Reduction Potential Associated with the Use of Vegetation Management Practices Near Roads (<u>Aidan N</u>) <ul style="list-style-type: none"> ○ Bolton & Menk
10:00 to 10:15		Break
10:15 to 11:00	Victoria Beale	Ohio DOT's Computer-based ELDT program
11:00 to 12:00	Craig Bargfrede & Greg Waidley	Clear Roads Budget and 2023 project funding Overview of the Clear Roads budget TPF-5(479).
12:00 to 1:00		Lunch
1:00 to 1:30	Greg Waidley	Frequency of Data and Implementation Surveys
1:30 to 2:00	Clay Adams	Kansas State Report (Including CR project-based implementation activities/efforts, if possible)

2:00 to 2:30	Justin Droste	Michigan State Report (Including CR project-based implementation activities/efforts, if possible)
2:30 to 3:00	Matthew Heinze	Texas State Report (Including CR project-based implementation activities/efforts, if possible)
3:00 to 3:15		Break
3:15 to 4:30	CR TAC	Business Roundtable
4:30	Craig Bargfrede	Wrap-Up
		Dinner (on your own)

Wednesday, September 20, 2023; Room TBD – 8:00 a.m. to 4:30 p.m.

Breakfast begins at 7:00 am in the Connor Room.

GoToMeeting Credentials...

Link to:

<https://meet.goto.com/865572053>

Using your phone:

Access Code: 865-572-053

United States: [+1 \(872\) 240-3412](tel:+18722403412)

Time	Facilitator	Topic
8:00	Craig Bargfrede	Meeting Objectives Review objectives for Day 2.
8:00 to 10:00	Various	<p>Update on Projects in Progress (Included in these updates: problem/need, goals/objectives, expected results, status of project, and implementation opportunities)</p> <ul style="list-style-type: none"> • 18-06: Std Test Procedure for Ice Melting Capacity of Deicers (Jasmine D) • 20-05 Using GIS to Highlight Highway Segments Sensitive to Deicing Materials (Joe T) • 20-06: Salt Shed Design Template (James M) • 21-01: Grip Sensor Technology and Salt Applications (Kevin D) • 21-02: Update to CR 13-04: Best Practices for Protecting DOT Equip. from the Corrosion Effect of Chemical Deicers (Todd L) • 21-04: Training Module Development for Evaluation of Storm Severity Index and Winter Severity Index Variables (James M) • 21-06: Calculating Plow Cycle Times from AVL Data (David G) • 21-07: Determining the Migration of Chloride-Based Deicers through Different Soil Types (Aidan N) • 22-01: Comprehensive Guide to Pre-wetting Application Rates and Methods (James M or Patti C) • 22-02: Best Management Practices for Liquid Chloride Storage and Pumping Systems (Chris L) • 22-03: Effects of Additives in Deicing Salts at Lower Temperatures (Jessica A or Steve S)

Time	Facilitator	Topic
		<ul style="list-style-type: none"> • 22-04: Evaluation of Direct Liquid Application of Salt Brine vs Granular Salt as Measured through Various Performance and Safety Metrics (<u>Emil J</u>) • 22-05: Use of Dashboards for Winter Operations (<u>Kevin D</u>) • 22-06: pH Waiver for Deicing Products and the QPL (<u>Patti C</u>)
10:00 to 10:15		Break
10:15 to 10:45	Matt Ouellette	Rhode Island State Report (Including CR project-based implementation activities/efforts, if possible)
10:45 to 11:15	Patti Caswell	Oregon State Report (Including CR project-based implementation activities/efforts, if possible)
11:15 to 12:00	Patti Caswell	QPL Update
12:00 to 1:00		Lunch
1:00 to 1:45	Greg Waidley	Future Meetings and Peer Exchange Locations
1:45 to 2:15	Alastair Probert	Delaware State Report (Including CR project-based implementation activities/efforts, if possible)
2:15 to 3:00	Doug McBroom	Recently Completed Project Report 21-03 Efficacy, Cost, and Impacts of Non-Chloride Deicers
3:00 to 3:15		Break
3:15 to 4:30	CR TAC	Business Roundtable
4:30	Craig Bargfrede	Wrap Up
		Dinner (on your own)

Thursday, September 21, 2023; Room TBD – 8:00 a.m. to 5:00 p.m.

Breakfast begins at 7:00 am in the Connor Room.

GoToMeeting Credentials...

Link to:

<https://meet.goto.com/865466509>

Using your phone:

Access Code: 865-466-509

United States: [+1 \(646\) 749-3122](tel:+16467493122)

Time	Facilitator	Topic
8:00	Craig Bargfrede	Meeting Objectives Review objectives for Day 3.
8:00 to 8:30	Kevin Duby	Arizona State Report (Including CR project-based implementation activities/efforts, if possible)
8:30 to 9:00	Rick Nelson	SICOP Report
9:00 to 9:30	Kevin Hensley	APWA Report
9:30 to 10:00	Jeff Pifer	West Virginia State Report (Including CR project-based implementation activities/efforts, if possible)
10:00 to 10:15		Break
10:15 to 12:00	CR TAC	Business Roundtable
12:00 to 1:00		Lunch
1:00 to 5:00	Utah DOT	Tour
		Dinner (on your own)