



Clear Roads Spring Meeting Highlights

- Review and select research and synthesis ideas for 2025.
- Clear Roads budget
- 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 (Joe Thompson and Doug McBroom)
 - APWA (Kevin Hensley)
- State Reports
 - Idaho (Ty Winther)
 - Indiana (Nick Evans)
 - New Jersey (Samanth Canulli)
- Recently Completed Project Reports
 - CR 20-06 (James Morin)
 - CR 22-02 (Chris Landry)
 - CR 22-03 (Jessica Andrews)
 - CR 22-05 (Doug McBroom)
- Update on the Public Service Announcement Library (CR 23-01)
- Update on the Proficiency Testing Program for Labs (AASHTO re:source)
- Future meetings
- Business Roundtables
- Commonwealth of Virginia Capitol Tour

AGENDA
Clear Roads 2025 Spring Meeting
Tuesday - Thursday, April 15-17, 2025
Delta Hotels Richmond Downtown
555 E. Canal St., Richmond, VA 23219
Meeting Room: James River Ballroom

Monday, April 14, 2025

Dinner on your own.

Tuesday, April 15, 2025 – 8:00 am to 4:45 pm

Breakfast will begin at 7:00 am in the Mayo / Lee Rooms in the Kanawha Ballroom.

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Phone conference ID: 721 464 009#

Time	Facilitator	Topic
8:00 to 9:00	Craig Bargfrede	Introductions and Meeting Objectives <ul style="list-style-type: none"> • Welcome and opening remarks. • Introductions and welcome new members. • Overview of Clear Road's goals and activities. • FHWA Updates • Review the agenda.
9:00 to 10:00	Clear Roads Members	Research and Synthesis Proposals Presentation and discussion of Clear Roads research and synthesis proposals.
10:00 to 10:15		Break
10:15 to 12:00	Clear Roads Members	Research and Synthesis Proposals (cont'd) Presentation and discussion of Clear Roads research and synthesis proposals.
12:00 to 1:00		Lunch
1:00 to 2:00	Research Development Groups	Research and Synthesis Proposals (cont'd) Complete presentation and discussion of research and synthesis proposals. TAC members will submit scores for each proposal.
2:00 to 2:30	Greg Waidley	Clear Roads Budget and Available Funds
2:30 to 3:00	James Morin	Recently Completed Project Report 20-06: Salt Shed Design Template
3:00 to 3:15		Break
3:15 to 3:45	Nick Evans	Indiana State Report
3:45 to 4:15	Chris Landry	Recently Completed Project Report 22-02: Best Management Practices for Liquid Chloride Storage and Pumping Systems
4:15 to 4:45	Craig Bargfrede	Iowa DOT's Samsara AVL / Camera Program
4:45	Craig Bargfrede	Adjourn

Wednesday, April 16, 2025 – 8:00 am to 5:00 pm

Breakfast will begin at 7:00 am in the Mayo / Lee Rooms in the Kanawha Ballroom.

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Time	Presenter	Topic/ Description
8:00 to 8:05	Craig Bargfrede	Review Day 2 Agenda
8:05 to 9:15	Greg Waidley	Select FY 2025 Projects Review scores/rankings and finalize list of funded projects.
9:15 to 10:00	Craig Bargfrede / Greg Waidley	Project Subcommittee Selection Review the role of project champion and subcommittee members. Discuss next steps for developing RFPs.
10:00 to 10:15		Break
10:15 to 12:00	Various	Update on Projects in Progress <ul style="list-style-type: none">• 21-01: Grip Sensor Technology and Salt Applications (James M)• 21-07: Determining the Migration of Chloride-Based Deicers through Different Soil Types (Aidan N)• 22-04: Evaluation of Direct Liquid Application of Salt Brine vs Granular Salt as Measured Through Various Performance and Safety Metrics (Emil J)• 23-01: Development of a Public Service Announcement Library (David G)• 23-02: Quantifying the Economic Value of Snow and Ice Operational Success (Mark G)• 23-03: Updating the Impact of Capital Projects Decision Support Tool (Todd L)• 23-04: Solar Radiation Benefits / Chloride Reduction Potential Associated with the Use of Vegetation Management Practices Near Roads (Aidan N)• 24-01: Toxicity Standards for the QPL (Doug M)• 24-02: Effective Pretreatment Methods for Events Beginning as Rain (AJ Y or Matthew H)• 24-03: Salt Management Training for Non-DOT End Users (Scott Simons)• Comprehensive Guide to Pre-wetting Application Rates and Methods (James M)• pH Waiver for Deicing Products and the QPL (Patti C)• 2023 synthesis projects<ul style="list-style-type: none">○ 23-S1: Management of Recordings and Images (Joe T)○ 23-S2: Brine Making Practices (Patti C)○ 23-S3: UAV Uses for Winter Maintenance (Doug M)• 2024 synthesis projects<ul style="list-style-type: none">○ 24-S1: Methods to Update the Road Report (Doug M)○ 24-S2: Snow & Ice, 2030 – Be Ready for Change within the Snow & Ice Fighting Industry (Mark G)○ 24-S3: Status on the Update of AVL/GPS for Winter Operations (Jessica A)○ 24-S4: Best Practices for Research Implem. (Mike M)

12:00 to 1:00		Lunch
1:00 to 2:00	David Gray / Laura Fay	Update on the Public Service Announcement Library (CR 23-01) Need for feedback from the Clear Roads TAC
2:00 to 2:30	Ty Winther	Idaho State Report
2:30 to 3:00	Ryan LaQuay	Proficiency Testing Program for Labs An update from (AASHTO re:source)
3:00 to 3:15		Break
3:15 to 3:45	Samantha Canulli	New Jersey State Report
3:45 to 4:15	Doug McBroom	Recently Completed Project Report 22-05: Use of Dashboards for Winter Operations
4:15 to 5:00	Clear Roads Members	Business Roundtable
5:00	Craig Bargfrede	Adjourn

Thursday, April 17, 2025 – 8:00 am to 4:00 pm

Breakfast will begin at 7:00 am in the Mayo / Lee Rooms in the Kanawha Ballroom.

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Time	Facilitator	Topic
8:00 to 8:05	Craig Bargfrede	Review Day 3 Agenda
8:05 to 8:30	Greg Waidley	Future Meetings
8:30 to 9:00	Jessica Andrews	Recently Completed Project Report 22-03: Effects of Additives in Deicing Salts at Lower Temperatures
9:00 to 9:30	Joe Thompson / Doug McBroom	Winter Weather Management TSP Report
9:30 to 10:00	Kevin Hensley	APWA Report
10:00 to 10:15		Break
10:15 to 11:55	Clear Roads Members	Business Roundtable
11:55 to 12:00	Craig Bargfrede / Doug McBroom	The Passing of the Gavel
12:00 to 1:00		Lunch
2:00 to 4:00	AJ Younes	Commonwealth of Virginia Capitol Tour