

Clear Roads Brings Snow-and-Ice Problem Solving to All Agencies

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WHAT IS CLEAR ROADS?

The Clear Roads Pooled Fund (TPF-5(479)) is a national research consortium focused on rigorous testing of winter maintenance materials, equipment and methods for use by highway maintenance crews.

CLEAR ROADS' OBJECTIVES

- To evaluate winter maintenance materials, equipment and methods under real-world conditions.
- To develop specifications and recommendations.
- To study and promote innovative techniques and technologies that will save agencies money, improve safety and increase efficiency.
- To support technology transfer by developing practical field guides and training curriculum to promote the results of research projects.

CLEAR ROADS' IMPACT

- Percent of Clear Roads research projects have been implemented by a majority of members
- Organizations have requested Clear Roads' Snowplow Operator and Supervisor Training
- Organizations have requested Clear Roads' Entry-Level Driver Training for Maintenance Equipment Operators
- 1,500 Individuals visit the Clear Roads website each month

39 MEMBER STATES

CLEAR ROADS' FAST FACTS

Since 2004, Clear Roads has conducted nearly 100 research and quick-turnaround synthesis projects to tackle the real-world challenges that winter maintenance professionals face on the job.

Every completed project is supplemented with a webinar and technical brief to accelerate technology transfer, and the majority of projects produce tools, training modules or other resources to ensure all public transportation agencies can put the findings to use.



CLEAR ROADS' PRODUCTS

- Training Modules offer convenient professional development in a variety of skills and practice areas.
- The Qualified Products List ensures deicing products meet strict safety and environmental standards.
- The **Equipment Online Database** provides an inventory of the equipment members use.
- The **Product Experience Survey** catalogs members' experiences with all types of winter maintenance products.

- Webinars provide details of the research and outcomes of every completed project.
- Free **tools** help practitioners improve their winter maintenance decision-making and operational efficiency.
- The Annual Survey of State Winter Maintenance Data, offers valuable insight into states' winter maintenance programs.
- The Clear Roads website is a one-stop clearinghouse serving more than 1,500 visitors each month.

PROGRAM MILESTONES

| 2004 - - - - 2006 - - - - 2010 - - - - 2014 - - - - 2017 - - - - 2018 - - - - 2022 - - - - 2023 - - - - 2024 - >

Five member states join forces to form Clear Roads

First biennial Product **Experience Survey**

Minnesota DOT becomes Clear Roads' lead state

First annual Survey of State Winter Maintenance Data

responsibility for the **Qualified Products List** Launch of Equipment Online Database

Clear Roads Phase III begins with 39 member states

Clear Roads receives the first-ever TPF Excellence Award