

Winter

- V016 Wetted Salt**
Illustrates the added melting power of salt used for snow and ice control if it is pre-wetted with liquid calcium chloride, and the practical concerns for handling and application.
- V022 Staying Ahead of the Storm**
Discusses weather information and prediction systems for highways. Demonstrates that by utilizing these systems, they will reduce chemical usage, provide less disruption to traffic, and provide for a more efficient maintenance effort.
- V056 What is Anti-Icing and Anti-Icing for Maintenance Personnel**
This video explains Anti-Icing Technology, its applications and benefits for highway agencies. Anti-Icing is an additional tool for snow and ice control.
- V060 Safety Restoration During Snow Removal Guidelines**
This video provides guidelines to follow to maintain safe conditions during highway snow removal operations. Snow removal situations on bridges, superelevated curves, along guard rails, and at intersections are examined.
- V065 Using Snow Plows on Motorgraders**
This video details the correct way to attach snow plows to motorgraders and basic information on using snow plows. Three different types of plows are shown: front single, v plow, and the wing plow
- V070 Iowa Snow & Ice Control**
5 part video that covers snow and ice control from Iowa DOT's perspective.
Part 1: Introduction to Winter Operations. This video shows different types of snow and ice removal equipment and explains their uses.
Part 2: Pre-Season Preparation. This video discusses vehicle and equipment checks and maintenance to perform prior to snow and ice season.
Part 3: Equipment Operation. This video discusses pre- and post-storm equipment checks, proper radio procedures and the proper clothing to wear for working outdoors in the winter.
Part 4: Snow Plowing Technique. This is a very good video showing proper plowing techniques on two-lane and divided four-lane highways, around islands and curbed medians, and through intersections.
Part 5: Anti-Icing. This is a technical video explaining brine making, anti-icing and deicing practices, and road weather information systems (RWIS).
- V077 Snow & Ice Control**
6 part video that covers snow and ice control from Illinois DOT's perspective.
Part 1: Plows & Blades
Part 2: Spreaders & Spinners
Part 3: Forecasting & Chemical Application
Part 4: Pre-Storm Preparation
Part 5: Plowing Techniques
Part 6: Post-Storm Clean Up
- V107 The New Generation of Snow and Ice Control**
This video compares two agencies during snow and ice control. One agency uses conventional snow and ice control methods and the other uses new Road Weather Information Systems and Anti-Icing Technology. The differences in service and costs are compared.
- V129 Good Highway Winter Maintenance/ Risk Management**
This video shows the need for a highway winter maintenance program and its relation to risk management.
- V130 The Snowfighters**
This video contains updated information on cost vs. benefits of salt as a highway deicer, maintenance and winter preparation, spreader calibration, snowfighting techniques and more.
- V135 Weather and Loads: The Effect They Have on Roads**
Provides a basic education in "lay terms" and illustrations on the effects of loads and weather on road pavements. Shows how roads function and wear over time.

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V169 Effective Snow Fences

Tells the important procedures to be followed during snow storms in order to provide better and safe movement to traffic. Also shows the proper storage of salt and the role of salt during snow storms.

V170 Plows of the Future

The innovations in snow plow design for better visibility, control and energy savings.

V172 SHRP Innovations Snow and Ice Control

This video provides an overview of SHRP products developed to improve snow and ice control effectiveness and safety. It includes equipment ideas, weather information systems, and snow and ice control materials and methods.

V500 Plow Power

This video illustrates safety and snow plowing techniques on city streets, at intersections and in subdivision cul de sacs.

V517 Snow Removal Techniques - Plowing Tips From the Pros

This video provides excellent tips for snow plow operators to help them do a better job. This tape can be used as a training video for new operators and can give new information to experienced operators.