WINTER MAINTENANCE SCHOOL

The overriding factor in ensuring the safety of the general public is through constant vigilance over the ever changing road conditions during inclement weather!

Course Overview and Content

This two day course is designed for municipal and private sector supervisors and patrollers responsible for the overall maintenance of roads during winter operations. In addition to the topics listed below there is also an interactive portion designed for the supervisor/patroller to recognize the potential for hazardous situations to occur using real life scenarios.

Topics Covered:

- Maintenance Standards
- Weather Basics
  - Interpreting Road Weather, Dew Point, and Air Temperature
- Ice Formation
- Salt & Sand Fundamentals
  - Storage and Management
  - Application & Spreading
- Anti-icing and Deicing
  - Application Techniques
- Record Keeping
  - Due Diligence
  - Risk Management
  - Event Planning
- Best Practices
  - Decision Making
- Pre-Season Preparation
- Code of Practice
- Plowing techniques for different challenges
- Winter Patrolling Basics

Winter Maintenance Topics:

» Salt management and salt management plans
» Pre-season checks
» Weather basics
» Snow and ice control
» Equipment operation: (snowplow, grader and front end loader)
» Plowing techniques
» Health and safety

Note: As Legislation and techniques change the topics covered will also be updated.

Who Should Attend: All Supervisors/ Patrollers and operators involved in winter maintenance.

Learning Objectives: Upon successful completion of this course, participants will:

» Know and understand what their legal responsibilities are to:
  - The public
  - Their employees
  - Their municipalities, and
  - Themselves
» Learn the core attributes of a successful Supervisor, Patroller and Operator
» Learn the importance of good leadership
» Learn to 'support the cause' when deploying manpower, equipment and materials in a cost effective and efficient manner
» Have a better understanding of weather conditions impact on their particular areas of responsibility
» Improve their comprehension in the areas of salt/brine management and storage, plowing techniques and general vehicle maintenance standards pre, during and post winter season.

Student Manuals: Each Student will receive a comprehensive course package.

Evaluation/Documentation: Written test and/or oral exam. The employer will receive a certificate of completion and a summary of training for each participant who successfully completes the course.

About the Facilitator: Developed and delivered to you by **Ground Force Training Inc.**