



CONCORD TOWNSHIP

SMART SALTING PRACTICES

In an effort to be more environmentally friendly while maintaining roads for safe travel during snow/ice events, Concord Township follows these sensible salting practices.

- Limited salting between the hours of 11:00 p.m. and 4:00 a.m.** During periods of snowfall between the hours of 11:00 p.m. and 4:00 a.m., it is not feasible to salt main roads. Due to low traffic volumes, the salt is not effective and in some instances can create even worse conditions. Typically, if crews begin plowing and salting main roads and school zones at 4:00 a.m., they will be ice free for rush hour. Between the hours of 11:00 p.m. to 4:00 a.m., the goal of the Service Department will be to provide a “passable roadway” which is defined as “a roadway surface that is free from drifts, snow ridges, and as much ice and snow pack as is practical and can be traveled safely at reasonable speeds.” Only intersections, hills, curves and bridges will be salted on main roads between these hours.
- Salting during snow events.** During periods of snowfall of 1” or more per hour, main roads will be plowed as frequently as possible but will only be salted at intersections, hills, curves, bridges and school zones. “Spot salting”, defined as “intermittent spreading of salt at 150 ft. intervals”, will also be utilized when practicable.
- Limited salting on secondary roads.** Secondary roads will be plowed as often as possible, but will not be salted except for 200 ft. at each intersection, and at hills, curves, bridges and school zones. Spot salting will be utilized on secondary roads when practicable.
- Proper training of employees.** We will ensure that snow removal crews are properly advised of these sensible salting practices and are instructed to follow the guidelines set forth herein.
- Proper calibration of equipment.** We will ensure that snow removal equipment is properly calibrated.
- Investigation of alternative products.** We continue to investigate and evaluate the benefits of alternative products such as brine, aggregates and other enhanced deicers.

The benefits of these sensible salting practices include:

- Less salt damage to landscaping along roadways;
- Less damage to road surfaces resulting in savings on long-term road maintenance;
- Less salt entering the storm water system and ultimately reaching lakes and streams;
- Potential savings on departmental overtime; and
- Savings on salt cost.