

TROY TOWNSHIP ROAD DISTRICT

SNOW AND DE-ICING PLAN



Troy Township Road District, commonly referred to as the Troy Township Highway Department, is responsible for providing snow and ice control for about 90 lane-miles of streets. There are also an additional 27 cul-de-sacs, and 4 high traveled frontage roads that are all encompassed in the area served.

Goal and Objective

Troy Township Road District takes pride in our snow and ice control. We consider this to be emergency work; keeping the streets clean, any time of day or night, to ensure accessibility for emergency equipment throughout the Township. This work also allows the schools to stay open and the roads to stay passable and safe for travel.

Careful planning and preparation must be done prior to the snow and ice season. This planning process is very complex and made considerably more difficult due to the variable conditions encountered during each storm. ***No two storms are alike.***

The Troy Township Road District's goal is to make all streets and cul-de-sacs accessible for vehicular traffic during and after a winter storm, in accordance with the guidelines set forth herein. We will attempt to clear all major and minor streets to bare pavement and maintain a clear and bare driving track on either side of the centerline on residential and local streets.

It is the Road District's goal to complete a Category 1 or 2 storm cleanup within 4-6 hours and a Category 3 or 4 storm cleanup within 6-8 hours after a typical winter storm ends. During and after a storm some roads may remain snow-packed and icy. The effectiveness of our melting and de-icing products is greatly reduced in subzero and near subzero conditions.

This Snow & Ice Plan recognizes four storm categories:

Category 1 – One inch or less of snow or sleet resulting in icy conditions. Snow routes rated priority 1-3, are treated with de-icing material. Plowing is typical not required, but done as necessary.

Category 2 – Two inches of snow. All snow routes rated priority 1-2 are plowed then treated with de-icing material. Priority 3 streets will be made passable until the storm subsides. Then all priority 1-2 streets will be cleared curb to curb prior to completion of priority 3 streets.

Category 3 – Three inches or more with or without wind causing blizzard conditions. All priority 1-3 streets are plowed, and treated with de-icing material until the storm subsides. Then all priority 1-2 streets will be cleared curb to curb prior to the completion of priority 3 streets.

Category 4 – A major snowstorm amounting to six inches or more. Concentration is focused on all priority 1 streets and emergency facilities. Priority 2 streets plowed as soon as possible thereafter. Priority 3 streets are cleaned last. Then all priority 1-2 streets will be cleared curb to curb prior to the completion of priority 3 streets.

Because we base our practice on the speed and volume of the traffic on our streets in the community, the Road District's snow and ice control plan provides the following priority levels. These levels are just guidelines to implement a snow and ice event:

Priority 1 - All major and minor collector streets will be considered to be the minimum network which must be kept open for emergency vehicles.

Priority 2 - The remaining network includes streets, intersections, hills, and curves.

Priority 3 – All cul-de-sacs, and dead ends.

A key element in implementing an efficient snow and ice control program is receiving timely weather information. Accurate weather forecasting is imperative in deciding which of the various operational procedures will be followed. The Troy Township Road District keeps an eye on all of the different weather radars and forecasts in the area to make the best decision in the deployment making process for the mobilization of personnel and equipment.

At the minimum, the Road District will initiate a (two-truck) response upon the receipt of a storm warning. An operation may be initiated in advance of precipitation or freezing conditions depending on the estimated start time or intensity of the storm.

Alerting Snow and Ice Control Personnel

Snow and ice control operations fall under the jurisdiction of the **Highway Commissioner TOMAS R. WARD**, however all Road District personnel have a part in these operations. Snow and ice operations may be conducted on a 24-hour basis, 7 days per week. In the event of an impending storm, the Highway Commissioner of Troy Township will determine the most effective way to combat the storm. The planning efforts will attempt to maximize the best use of the Township's resources, including personnel from the Road District and may possibly include personnel from other departments in extreme snow emergencies.



General Snow and Ice Procedures

When the Township is notified of an impending snowstorm, a decision is made to implement one of four different operations for clearing streets. Each operation varies in the amount of service performed and the manpower and equipment necessary to perform it. A salting operation (1) would be initiated in advance of a storm. A plowing-salting operation (1-2) would be initiated if the potential for freezing conditions existed, to melt snow or ice accumulated to a depth of less than approximately one inch or to prevent the bonding of packed snow to the pavement. In the event that snow is forecasted to be greater than one inch of accumulation, or if blowing-drifting snow is forecasted, operations (3-4) would be initiated.

Operation 1 – Two Trucks Salting

Operation 2 – Three Trucks Plowing-Salting

Operation 3 – All Trucks Plowing-Salting

Operation 4 – Full Equipment Call Out



It can be expected that snow will be plowed into driveways as a normal part of removal operations. Attempts will be made to keep excessive amounts from accumulating; however each driveway will receive a certain amount of snow. We ask that you do not Blow, Plow or Shovel snow into or across streets.

Supplemental Operations

The Highway Commissioner may retain private contractors to supply additional operators and equipment should storm conditions become long (longer than 48 hours). Such action would only be taken in extreme emergencies, and only at the discretion of the Highway Commissioner. It is an important option that must be available to the Troy Township Road District in case of equipment breakdowns or if a succession of winter storms pummels the Township.

Street Parking

When there is a prediction for a snow or ice event, we ask that residents remove parked cars from Township streets. This will make our efforts more effective and lessen the probabilities for accidents.

Property Damage

During the course of operations throughout any given winter, snow removal forces may incur a certain amount of damage to Township and private property. In the event that parkway damage is sustained due to a plow riding over a curb, the Road District will repair said damage as soon as weather conditions permit. If the parkway sod was rolled back in such a way that it could be re-used; representatives of the Road District will restore it. If the sod is damaged beyond repair, the Road District will restore the area at the earliest time when there is both the appropriate weather and availability of material. Topsoil and seed or sod will be used in the damaged area. Any damage sustained due to salt brine inadvertently splashed onto parkway during the course of winter will not be treated or repaired by the Road District. To report any such damage, please call Highway Commissioner THOMAS R. WARD at 815-405-3378

Mail Box Damage

If one of our drivers inadvertently damages a mailbox that is properly installed and maintained, we will repair or replace it with a temporary mail box until weather conditions allow for a permanent repair or replacement, with the exception of brick mailboxes, which are not approved by the United States Postal Service or the Federal Highway Administration.

Assistance to Private Property

Under no circumstances will a Road District employee be allowed to use a Township owned vehicle to push, pull, or tow a stranded private vehicle from a roadway or parking lot. The employee may, if a hazard exists, use his radio or phone to notify 911 (emergency services) of the hazardous condition. Likewise, under no circumstances will a Township employee use a

Township owned vehicle to perform any snow removal or ice control operation on private or commercial property.

Departure from Policy

The Road District recognizes that conditions may be so unusual or unexpected that a departure from these general policies should be authorized. Therefore when conditions warrant, the Highway Commissioner, or his/her designated Foreman, may order a departure from these general guidelines when, in the opinion of the Highway Commissioner, conditions require such action. This policy may be affected in total or in part, as a result of and including but not limited to Acts of God, equipment breakdown, weather conditions, inadequacy of equipment, state or federal regulations, shortage of personnel, and any other unforeseen, uncontrolled or unanticipated acts. No additional rights shall be granted any individual or entity simply by adoption and enforcement of this policy.

No Duty or Right Created

The purpose of this policy is to establish goals for the Troy Township Road District employees regarding snow and ice control. It is not to be construed to create any duty to any individual, person or entity. This policy does not provide any special protection or service to any particular individual or group of individuals.

Policy Priority

This policy dated January 1, 2012, supersedes all others and, to the extent that any previous rule, regulation, policy or past practice, written or unwritten, is in conflict with the provisions of this policy, such is hereby withdrawn, voided and all personnel should conduct themselves in conformity with this policy.

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