

East Brandywine Township

Public Works Department



Winter Maintenance Plan
Adopted
May 6, 2010

Revised	Accepted
March 23, 2011	April 7, 2011

General Statement

The objective of the “Winter Maintenance Plan” is to provide the Township Road Department maintenance guidelines for snow removal so residents and business owners know what level of service they should expect during certain snow or ice events. It is also intended to advise residents of their responsibility during and after a snowfall. This plan is centered around the understanding that residents of the Township expect to be able to handle personal business, travel to work, and for public or private schools to have the ability to operate normally, as soon as it is possible. The plan is developed from the perspective of clearing snow from Township roadways with the equipment and manpower available through the Public Works Department. It is acknowledged that with the equipment resources available through the Department, extraordinary measures may become necessary to maintain adequate road clearances during severe snowstorms or blizzards. Two primary factors must be decided:

1. The level of service performance expected from the Public Works Department as it applies to snow removal. Should snow be cleared from curb to curb, or is clearing only the traffic lanes sufficient?
2. What resources, in terms of equipment and personnel, are necessary to meet the service performance level expected for snow removal?

The goal of winter maintenance is to clear all roadways, including residential and articulator roadways, as quickly as is reasonably possible. This document will outline management and operations by storm types, snow or ice accumulation, personnel, equipment and communication requirements. It should be understood that, under the provisions of the “Winter Maintenance Plan”, the efforts and costs of clearing the roadways of accumulated snow will correlate to the number of snowstorms and the severity of each snowstorm as outlined in the Level of Service 1 through 4.

Township Definitions (2011)

Total miles of roads	57.58	Personnel	
Township roads	35.34	Full time	3
State roads*	22.24	Part time	2
Number of cul-de-sacs (Township roads)	41	Snow removal equipment	
Salt storage capacity	250 tons	39,000 GVW dump truck	2
		15,000 GVW dump truck	1
		12,000 GVW dump truck	1
		13,000 GVW pick up	1
		Backhoe	1
		Loader	1

*Township is not responsible for maintenance and snow removal on State Roads.

State Roads are Creek Road (282), Reeds Road, Dowlin Forge Road, Little Washington Road, Corner Ketch Road, Horseshoe Pike (322), Rock Raymond Road, Bondsville Road, East Reeceville Road, North Guthriesville Road, and Hopewell Road from Horseshoe Pike to Rock Raymond Road.

Level of Service

These levels of service are guidelines and should not be considered as firm policy. Deviations due to extraordinary circumstances may be made by the Township Manager or the Township Roadmaster.

Level of Service	Accumulation (depth)	Duration of Storm	Expected Service	Action Plan
Level 1	Ice or up to six inches of snow	8 hours**	<ul style="list-style-type: none"> Respond to emergencies/Police requests. Roadways plowed from curb to curb within 8 hours from the end of storm. Cul-de-sacs cleared within 24 hours from the end of storm. 	<ul style="list-style-type: none"> Start of storm salt all roadways or as needed. During “rush hour” plow travel lanes and salt roads as needed. Plow all streets from curb to curb, salt roads as needed. Following days check roads for ice, salt as needed.
Level 2	Up to 12 inches of snow	9 to 24 hours**	<ul style="list-style-type: none"> Respond to emergencies/Police requests. Roadways plowed from curb to curb within 12 hours from the end of storm. Cul-de-sacs cleared within 24 hours from the end of storm. 	<ul style="list-style-type: none"> Start of storm salt all roadways. Plow travel lanes during storm, prior to “rush hour” and salt roads as needed. Plow all streets and intersections from curb to curb, salt roads as needed. Clear snow from cul-de-sacs. Following days check roads for ice, salt as needed.
Level 3	13 inches or more of snow	24 hours or more**	<ul style="list-style-type: none"> Respond to emergencies/Police requests. Travel lanes plowed within 12 hours from the end of storm. Roadways plowed from curb to curb within 48 hours from the end of storm. Cul-de-sacs cleared within 72 hours from the end of storm. 	<ul style="list-style-type: none"> Start of storm salt all roadways. During “rush hour” plow travel lanes and salt roads as needed. Plow all streets and intersections from curb to curb, salt roads as needed. Clear snow from cul-de-sacs. Haul snow from streets to clear streets curb to curb as needed. Remove snow from intersections to improve sight distances. Following days check roads for ice, salt as needed.
Level 4	Drifting snow	8 hours or more**	<ul style="list-style-type: none"> Respond to emergencies/Police requests. Roadways plowed from curb to curb within 12 hours from the end of storm except drifted roads. Cul-de-sacs cleared within 24 hours from the end of storm. Open drifted roadway one lane within 12 hours from the end of the storm. Open drifted roadways from curb to curb within 48 hours from the end of storm. 	<ul style="list-style-type: none"> Start of storm salt all roadways. During “rush hour” plow travel lanes and salt roads as needed. Open drifted roads to one lane. Plow all streets and intersections from curb to curb, salt roads as needed. Clear snow from cul-de-sacs. Clear drifts curb to curb. Remove snow from intersections as needed. Following days check roads for ice, salt as needed.
**Time estimated for snow removal is contingent on the reliability of equipment and availability of personnel.				

Parking Restrictions

Township Ordinance 96-03 states in Section IV A.:

“it shall be unlawful to park, or allow to be parked, any motor vehicle or other vehicle, or portion thereof, on any street or road which is part of the Township road system, two (2) hours after the start of any continuous snowfall, and until the snow has been completely plowed for the full width of the cartway.” Section B. continues “Any member of the East Brandywine Police Department, or other employee of the Township of East Brandywine who is engaged in snow removal operations, is hereby authorized to remove, or have removed, any vehicle abandoned or parked upon any public street, highway, or roadway which is part of the Township road system, which is in violation of the terms and provisions of this section, and to take, or have taken, any such vehicles to an appropriate secure parking or storage facility. The registered owner of any such vehicle shall be promptly notified of the fact of the removal, and the place to which said vehicle has been removed, where he or she may obtain same upon payment of any and all towing and storage charges.”

Residential and Commercial Snow Removal

Residents and businesses are reminded shoveling, plowing or blowing snow from driveways or sidewalks onto or across public streets is prohibited by law. Snow placed onto the roadway may cause a hazardous condition; should there be an accident that person or business may be held liable. Residents are reminded to clear the snow from a hydrant located on or near their property; this will assist emergency services locating the hydrant during an emergency. Please consider adopting a hydrant; it may save a life.

Police Department Responsibility

It is the responsibility of the Police Department to notify the Roadmaster of any hazardous road conditions. In the event of a snow event during night time hours they should notify the Roadmaster as early as possible so he can contact the Road Department crew to start salting and plowing operations. During and after the snowstorm the Police should report to the Roadmaster any emergencies or requests.

Mailbox Repair/Replacement Policy

Mailboxes are generally located in the “right-of-way” of Township roads. If your mailbox has been damaged by direct contact with the plow or the truck, you should call the Township Roadmaster to file a report. The Roadmaster will inspect the damage to the mailbox, and at his discretion, authorize reimbursement up to \$100.00. Should the mailbox or post be damaged by snow rolling off the plow blade, the Township will not be responsible for repair/replacement of the mailbox.

Damage to Landscaping

The Township maintains rights-of-way along every Township owned road. Roads outside of developments generally have a thirty-three foot right-of-way easement, and roads within the developments generally have a fifty foot easement. Landscaping or similar items placed within the easements by the property owner is not the responsibility of the Township and will not be replaced or repaired by the Township if damaged by Township equipment. The Township will also require the removal of any item which could constitute a hazard to traffic.

Public Safety

The East Brandywine Township Public Works Department's number one priority is Public Safety. When notified of an emergency the Roadmaster will dispatch the nearest truck to assist an Ambulance, Fire or Police Personnel in getting to and handling the emergency.

Our goal is to clear snow from our roadways as quickly as possible so our residents, businesses, and motorists passing through and doing business in East Brandywine Township can do so in a safe manner.