

Resolution 19-14

Establishing a Snow and Ice Control Policy

WHEREAS, the Public Works Committee desires to provide guidance in the control of snow and ice within the City of Lodi through the Snow and Ice Control Policy; and,

WHEREAS, this Policy provides direction regarding scheduling, staffing, and priorities during a snow or ice event, while allowing the Director of Operations to update the attached City of Lodi Snow and Ice Removal Priority Map as needed.

NOW THEREFORE BE IT RESOLVED that the City of Lodi Snow and Ice Control Policy as depicted in Exhibit A is hereby adopted; and

BE IT FURTHER RESOLVED that the Director of Operations shall facilitate updates to the Snow and Ice Removal Map when warranted.

Adopted by the Common Council of the City of Lodi, Wisconsin this 19th day of February, 2019.

James W. Ness, Mayor

Attest: _____
Dawn A. Collins, City Clerk

Resolution 19-14: Exhibit A

This policy is to provide guidance in the control of snow and ice within the City of Lodi and applies to all publically owned streets and sidewalks. The Director of Operations shall be responsible for the implementation of this policy.

Scheduling and Staffing

The following should be considered prior to scheduling personnel and equipment when a warning is received:

- Time of day storm starts
- Day of the week
- Duration of storm
- Intensity of storm
- Temperatures during and after storm
- Wind velocity during and after storm
- Water content of snow
- Type of precipitation: Snow, sleet, or freezing rain
- Time of year

Salt spreaders are the first units scheduled for use. The City of Lodi limits the amount of salt that is applied to its streets in an effort to protect its groundwater and the quality of Spring Creek. Several issues dictate salt usage in the City. Public perception, topography, traffic volume, street priority, street classification, salt availability, and budget are some of these issues. Bare pavement is the goal where possible; however, any of the previously mentioned issues may have an impact on that goal.

Weather reports from local weather bureaus are monitored daily. Alerts by the National Weather Service in Milwaukee/Sullivan, WI are also monitored to assist in clarifying starting and ending times of a snow or ice event to help determine when salt should or should not be applied.

The salt routes cover all hills and intersections including bus routes, primary streets, and streets to medical clinics, nursing homes, and schools. Minimal salt is spread on flat residential streets. Each piece of equipment is a one-person operation and is radio-equipped.

Each operator has a scheduled list of streets to apply salt defined in priority sequence. Each salt spreading unit is equipped with a plow. The plow may be in operation at the same time the spreading operation is taking place. The operation of the plow may be done to use less salt and to accelerate the goal of bare pavement.

If the storm warning is received during regular working hours, the units are loaded with salt and placed on "standby." The units are dispatched to routes when the snow accumulation warrants it. The salt spreading operation is converted to plowing upon evaluation when snow accumulation reaches three inches or more. See City Ordinance § 325-4: Snow emergencies for additional details.

The ideal time for beginning plowing operation is 3:00 AM due to the reduction in traffic volumes, which allows plows to move more efficiently and safely. Snow plowing can be accomplished in an approximate six to ten hour period.

Full scale plowing operations begin when the accumulation of snow is complete or nearing completion. Personnel from other City Departments may be utilized at this time to reduce overtime costs and assure the major streets are available for commuting traffic.

Snow removal and hauling may take place in the downtown business area and certain areas of the city that lack a street terrace next to a city sidewalk.

City owned sidewalks are maintained during regular business hours during a storm and at the conclusion of the snow event.

Priorities

The City of Lodi streets are broken into four different priorities (see attached map).

- **First Priority Streets:** Restricted to the downtown business district and frequently used emergency routes. Pavement on these routes is made bare as expeditiously as practical during and/or after the storm.
- **Second Priority Streets:** Main arterial streets leading traffic into or out of the city and bus routes. Pavement on these streets is made bare during and/or after the storm.
- **Third Priority Streets:** Residential streets linked to other city streets. Pavement on these streets is made bare after the storm.
- **Fourth Priority Streets:** The remaining city streets that include dead ends, cul-de-sacs, alleys, and limited build-out residential developments. Pavement on these streets is made bare after the storm.

Throughout the storm, the Public Works Department concentrates personnel and equipment on plowing first and second priority streets. Each operator has a map of the respective area and streets to plow, as well as a listing of priority. Radio communication is utilized to ensure all streets are plowed and unforeseen emergencies are addressed in a timely manner.

Priorities after plowing operations are complete:

- Evaluation of conditions of salt routes. If salt is needed to achieve bare pavement on salt routes, salt will be reapplied.
- Plow backs and move outs are addressed.
- Driveways are cleared in areas where snow is plowed in one direction on a street due to the lack of street terraces next to sidewalks.
- Areas with sight hazards are addressed.
- Consideration is given to the general safety of the driving public. If streets become narrow due to the accumulation of snow, additional snow removal will take place.
- Drifting snow in streets and on sidewalks to be addressed as needed.