



CITY OF ST. ALBERT CITY COUNCIL POLICY

NUMBER	TITLE	DEPARTMENT	APPROVAL DATE	REVISION DATE
C-IS-01	Snow and Ice Control	Public Works & Transit	January 25, 2016	January 21, 2019

Purpose

To establish consistent and systematic service levels within Council’s approved budget parameters for the provision of a safe and reliable transportation network within the City of St. Albert.

Policy Statement

Snow and ice control shall be managed within specified service level standards and priorities to provide motorists and pedestrians with roads, sidewalks and parking lots that are as safe as reasonably possible.

Depending on road conditions, a fair and equitable approach to residential snow removal shall be established through an alternating pattern for neighborhood snow removal.

Definitions

1. “Ice Control” is the application of abrasive materials or salt to a road, parking lot, sidewalk or trail surface to improve traction or reduce ice formation.
2. “Parking lots” are City owned or leased parking lots that provide support to the public, City staff and community agencies.
3. For the purposes of this policy the following definitions apply:
 - a. “Arterial Roads” are considered the highest traffic volume corridors.
 - b. “Collector Roads” provide property access, transit service, and traffic circulation within neighborhoods.
 - c. “Residential Roads” provide access to properties.
 - d. “Residential Monolithic Sidewalk Roadways” provide access to properties and are comprised of a walkway, curb and gutter as one monolithic piece with no boulevard.
 - e. “Lanes” are residential back alleys.

- f. "Priority 1 Roads are:
 - i. Ray Gibbon Drive
 - ii. St Albert Trail
 - g. "Priority 2 Roads" are all Arterial Roads
 - h. "Priority 3 Roads" are:
 - i. Collector roads
 - ii. Roads within the Commercial & Industrial sectors
 - iii. Roads within the Downtown
 - iv. Transit Routes
 - v. Rural Roads
4. "Sidewalk" is a concrete or asphalt surface specifically adapted for pedestrian use.
- a. "Arterial Walkways" have the highest volume of pedestrian traffic
 - b. "Collector Walkways" provide pedestrian access within neighborhoods
 - c. "Connector Sidewalks" connect sidewalks to trails through walkways
 - d. "Internal Sidewalks" provide pedestrian access through parks.
 - e. "Priority 1 Sidewalks" are trails and sidewalks adjacent to civic buildings and shall specifically include:
 - i. River Valley Trails
 - ii. St. Albert Place
 - iii. Transit Terminals
 - f. "Priority 2 Sidewalks" are sidewalks and trails that typically function as major pedestrian corridors and include:
 - i. Arterial Sidewalks and Trails
 - ii. Collector Sidewalks and Trails
 - iii. Bus Stops
 - g. "Priority 3 Sidewalks" are sidewalks and trails that are typically located through parks, municipal reserves and connectors to outdoor recreation facilities and include:
 - i. Internal Trails
 - ii. Connector Sidewalks
5. "Snow Plowing" is the grading of snow to the middle or sides of a roadway or sidewalk surface.
6. "Snow Removal" is the grading of snow from a road surface onto a boulevard or removal of snow from a road or parking lot surface to a snow storage site.
7. "Snow Accumulation" is the amount of loose snow on a roadway surface.
8. "Snow Pack" is the amount of compacted snow on a roadway surface.

Responsibilities

The Chief Administrative Officer shall:

1. During extreme or unusual weather conditions the Chief Administrative Officer or designate shall use their discretion and judgment in the application of this policy to pursue the achievement of the service levels as resources permit.
2. Designate the Public Works director or designate to take the lead on the implementation of this policy.

Service Standards/Expectations

1. Snow plowing of roads shall, when possible, occur after a 2 to 5 cm accumulation of snow. Ice control will be provided on an ongoing basis during snow events, frost, freezing rain or any other event that may adversely impact vehicle traction. Plowing and ice control will be completed in accordance with the following standards unless ongoing weather conditions required continuous focus on Priority 1 Roads.
 - a. Priority 1 Roads shall be plowed and sanded within 8 hours following the end of a snowfall
 - b. Priority 2 Roads shall be plowed and sanded within 8 hours following the end of a snowfall
 - c. Priority 3 Roads shall, when possible, be plowed and sanded within 16 hours after a snowfall and after all Priority 1 and 2 Roads have been completed.
2. Snow Removal
 - a. Collector, commercial and industrial roads – snow removal shall, when possible, occur after a 20 to 30 cm snow accumulation and cleared within 4 days with an emphasis on hill sections and school zones.
 - b. Roads within the Downtown – snow removal shall, when possible, occur after a 5 to 10 cm snow accumulation parking lanes, and removed within 48 hours.
 - c. Residential Roads – snow removal shall, when possible, occur after an average of 6 to 9 cm of snow or when snow pack is softening, and vehicle mobility is becoming severely compromised. Snow, when possible, will be removed within 10 days with exception of piles in cul de sacs, which will be removed as resources allow. After March 7th residential roads will only be plowed and snow will be left to melt.
 - d. Residential Monolithic Sidewalk Roadways & lanes – snow removal shall, when possible, occur after an average of 6 to 9 cm of snow pack.

3. Snow plowing of sidewalks shall, when possible, occur after a 1 to 5 cm accumulation of snow and follow the priorities outlined:
 - a. Priority 1 Sidewalks – when possible, swept to bare concrete or pavement within 8 hours after accumulation of 1 cm snowfall.
 - b. Priority 2 Sidewalks – when possible, plowed within 48 hours and after accumulation of 2 to 5 cm snowfall.
 - c. Priority 3 Sidewalks – shall be completed after Priority 1 and 2 and, when possible, plowed within 72 hours and after accumulation of 2 to 5 cm snowfall. At the discretion of the Manager of Operations not all Priority 3 sidewalks may be plowed.

4. Parking lots shall be cleared, when possible, after an accumulation of 5 to 10 cm of snow. Snow will be initially stockpiled within the parking lot and removed at a later date.

5. Notwithstanding the forgoing, the following additional sidewalks locations will be cleared by the City under Priority 2 sidewalk snow plowing:
 - a. Erin Ridge Drive west side (Boudreau Rd to Empire Court)
 - b. Oakmont Drive (Bellerose to Oak Vista Drive)
 - c. Oakmont Drive, Streets Flanking (Boudreau Rd to Empire Court)
 - d. Oakridge Drive South, Flanking (Ormany Pl, Ouellette PL, Overton Place, Opal Ct, Onesty PL, Orchard Ct, Outlook PL, Otter Cres, Orlando Dr, Oasis Cres., and 26, 32 Oakridge Drive south).

Legal References

Municipal Government Act

Cross References

Snow Route Maps
 Salt Management Plan
 Traffic Bylaw 18/2005, Part 9
 Snow and Ice Control Manual, Revised October 2010

DATE REVIEWED	NEXT REVIEW DATE	REVISIONS
January 2016	January 2020 – Public Works & Transit	November 2, 2009 – C607-2009 October 27, 2014 – C495-2014 January 25, 2016 - C28-2016 January 21, 2019 – AR-19-003

