

	City of Wetaskiwin Policy:	WINTER STREET & SIDEWALK MAINTENANCE
Policy # CO – 027	Approved Res. No.: 444/11 Date: December 12, 2011	Revised Res. No: 128/18 Date: March 26, 2018

Policy Statement

To establish the winter snow and ice control level of service in order to provide a safe, reasonable, and predictable multimodal transportation network throughout the City while protecting the environment, providing excellent customer service, and being fiscally responsible.

Definitions

Bare Pavement – Under normal conditions bare pavement should be no more than 2 cm of snow cover on a roadway, trail or sidewalk surface and clear of loose snow.

Drifting – Windblown snow on roadways, trails, or sidewalks that collects in a manner that inhibits the free movement of vehicles

Ice Control – All de-icing agents that promote the melting of snow or ice from a roadway or the abrasive materials deposited onto the roadway to promote traction.

Snow Plowing – Grading of snow either to the side or the middle of the roadway, trail, or sidewalk.

Snow Removal – The grading of snow from a road surface, trail, or sidewalk for transportation to snow storage sites.

Windrow – The plowing of snow into a long continuous pile for storage or to facilitate removal.

Standards

Service Levels

1. Snow plowing and removal shall follow the list of priorities and triggers as outlined in Table A (Snow Plowing) and Table B (Snow Removal).
2. Targets will provide the time estimates in which the snow maintenance services will be provided, subject to the limitations identified in this policy.

3. Ice control will be provided during snow, frost, freezing rain or other events that require traction control as identified by Public Works staff, Protective Services, or by upon response to issues identified by members of the public. Initial ice control operations will typically follow the priorities set out in Table A and Table B with specific application for hazardous locations.

Table A: Snow Plowing

Priority	Location	Trigger	Target
Priority 1	Snow plowing as per Snow Plow Map Location A	Over 5 cm snow accumulation, under 5 we sand, except Downtown	Plow/Sand within 48 hours
Priority 2	Snow Plowing as Per Snow Plowing map Location B	5-10 cm snow accumulation, under 5 we sand	Plow within 72 hours
Priority 3	Snow Plowing as per Snow Plowing Map Location C	Over 10 cm snow accumulation	Plow as needed
Alley 1 (Outlying)	Snow Plowing as per Snow Plowing Map Location D	Over 10 cm snow pack	Upon direction of Administration
Alley 2 (Interiors)	Snow Plowing as per Snow Plowing Map Location E	Over 10 cm snow pack	Upon direction of Administration

Table B: Snow Removal

Priority	Location	Trigger	Target
Priority 1	Snow removal as per Snow Removal Map Area One	Over 5 cm snow accumulation/pack	Windrow within 48 hours
Priority 2	Snow removal as per Snow Removal Map Area Two	5-10 cm snow accumulation/pack	Windrow within 72 hours
Priority 3	Snow removal as per Snow Removal Map Area Three	10 cm snow accumulation/pack	Windrow within 96 hours
Priority 4	Residential Maintenance	Upon direction of Administration with a minimum of 15+ cm of compacted snow	1 residential cleaning to bare pavement will be completed per winter season as required



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Table C: Snow Shoveling – Trails & Sidewalks

Priority	Location	Trigger	Target
Priority 1	Snow Shoveling as per Snow Shoveling Map Location D	Up to 5 cm snow accumulation; under 5 we apply traction control, except Downtown	Shovel within 48 hours
Priority 2	Snow Shoveling as Per Snow Shoveling map Location E	5-10 cm snow accumulation, under 5 we sand	Shovel within 48 hours unless weekend
Priority 3	Snow Shoveling as per Snow Shoveling Map Location F	Over 10 cm snow accumulation	Shovel within 48 hours unless weekend

Table D: Snow Plowing – Trails & Sidewalks

Priority	Location	Trigger	Target
Priority 1	Snow plowing as per Snow Plow Map Location G	Up to 5 cm snow accumulation; under 5 we apply traction control, except Downtown	Plow/Sand within 48 hours
Priority 2	Snow Plowing as Per Snow Plowing map Location H	5-10 cm snow accumulation, under 5 we sand	Plow within 72 hours
Priority 3	Snow Plowing as per Snow Plowing Map Location I	Over 10 cm snow accumulation	Plow as needed

Note: A lower priority will typically only commence upon completion of the higher priority. If necessary, resources will be rotated back to higher priority locations before lower priority locations are completed to ensure roadways, trails, and sidewalks remain clear.

4. Snow removals occur on rotating schedules as deemed appropriate by Administration.

Limitations:

- 1) Service levels may be impacted by the following:
 - (a) Available contracted services
 - (b) Council approved budget
 - (c) Equipment failures
 - (d) Weather conditions
- 2) The City will make necessary adjustments to service levels when the noted limitations are encountered.



Winter Maintenance Programs

Snow Removal:

1. Snow removal will be done from edge to edge or curb to curb to achieve bare pavement.
2. Snow removal may include
 - (a) Windrowing of snow to an appropriate location on the roadway, trail, or sidewalk.
 - (b) Removal of windrows will occur once all priorities have been completed, other than residential snow removal; except on roadways, trails, or sidewalks where windrow removal must occur as a priority for safe traffic and pedestrian movement.

Snow Plowing:

1. Snow plowing will be conducted to remove accumulated snow from the roadway in order to allow for safe traffic passage.
2. If plowing is required because of drifting only the specific area or lane impacted by the drifting will be plowed.

Ice Control:

- 1) Ice control will occur at the same time as snow removal and snow plowing whenever necessary.
- 2) Where road, trail, or sidewalk conditions present a significant hazard multiple applications of ice control may be applied as identified by Public Works staff, Protective Services, or by calls from the public.

Ice Control Management Plan:

- 1) All codes of Practice established by the Transportation Association of Canada will be followed in the ice control process.

Sidewalk and Trail Maintenance:

- 1) All City sidewalks and trails will be cleared within forty-eight (48) hours whenever possible.
- 2) Snow will not typically be hauled away from trail and sidewalk clearing.



Residential Maintenance:

- 1) A complete residential snow removal will normally be completed once per winter and will only begin when all other road priorities completed and are in safe condition.
- 2) Residential road clearing will be completed from curb to curb and to bare pavement.
- 3) All snow will be hauled away from the roadway.
- 4) A minimum of 15+ cm of snow pack must accrue before residential snow removal will begin.

Parking Lot Snow Removal:

- 1) City owned parking lots will be cleared with the snow stockpiled in the parking lot where appropriate.
- 2) When appropriate the snow will be removed and taken to an approved snow storage facility.

Snow Storage Sites

- 1) Snow removed from City roadways or parking lots will be transported and stored at approved snow storage locations.

Airport Snow Removal

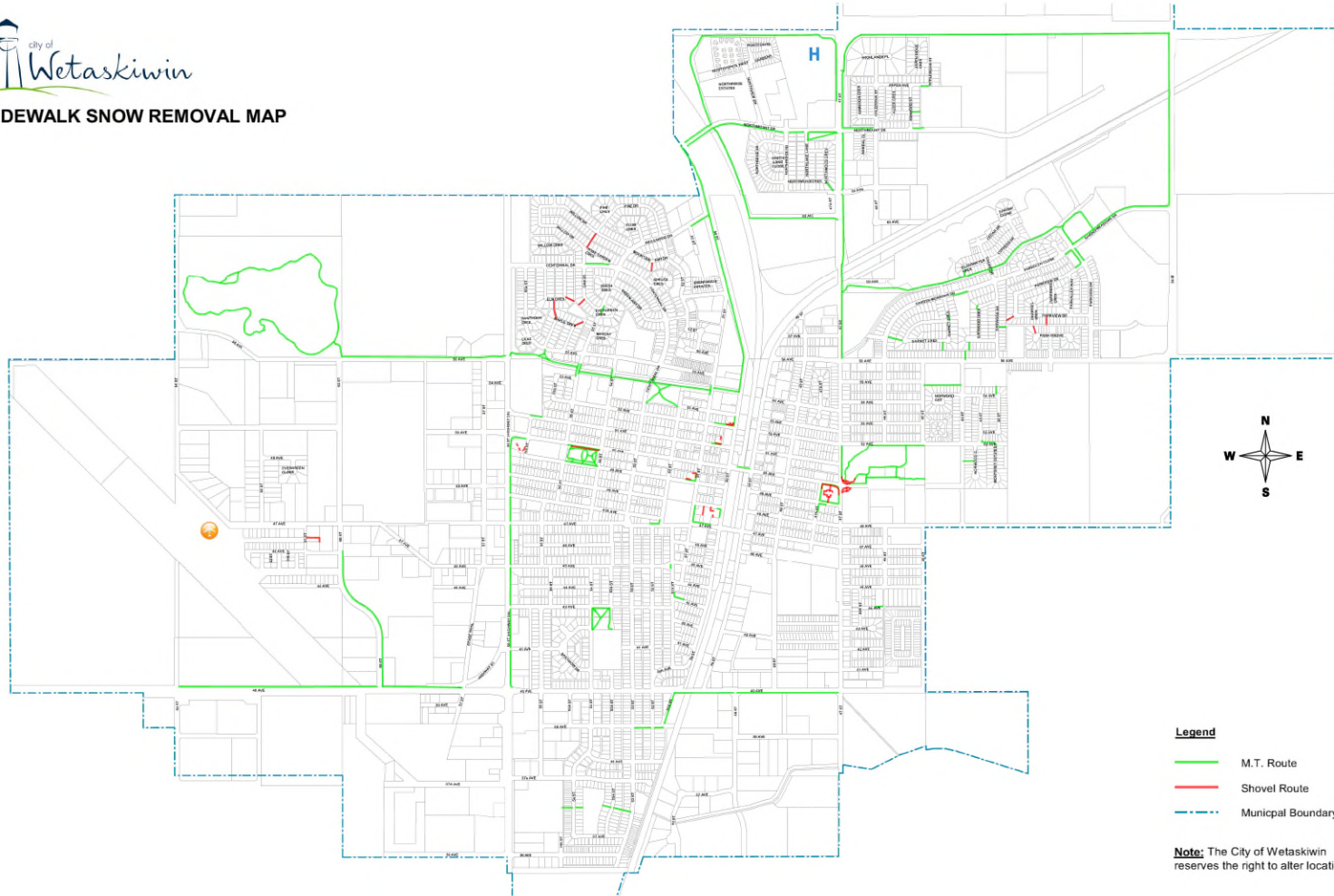
- 1) Snow removal at the airport will be completed as per the requirements of the Airport Winter Maintenance Procedures.
- 2) If circumstances warrant other City staff and equipment may be used for airport snow maintenance.

Severe Winter Event:

In the event of a severe winter event that presents an imminent and severe threat to transportation in the City a severe winter event response may be initiated by the City Manager. A severe winter event response will restore immediate mobility to the City, not to address roadway capacity. This severe snowfall response may include:

- 1) Deployment of all available resources to ensure mobility of the roadway network.
- 2) Declaration of a parking ban on all roads.

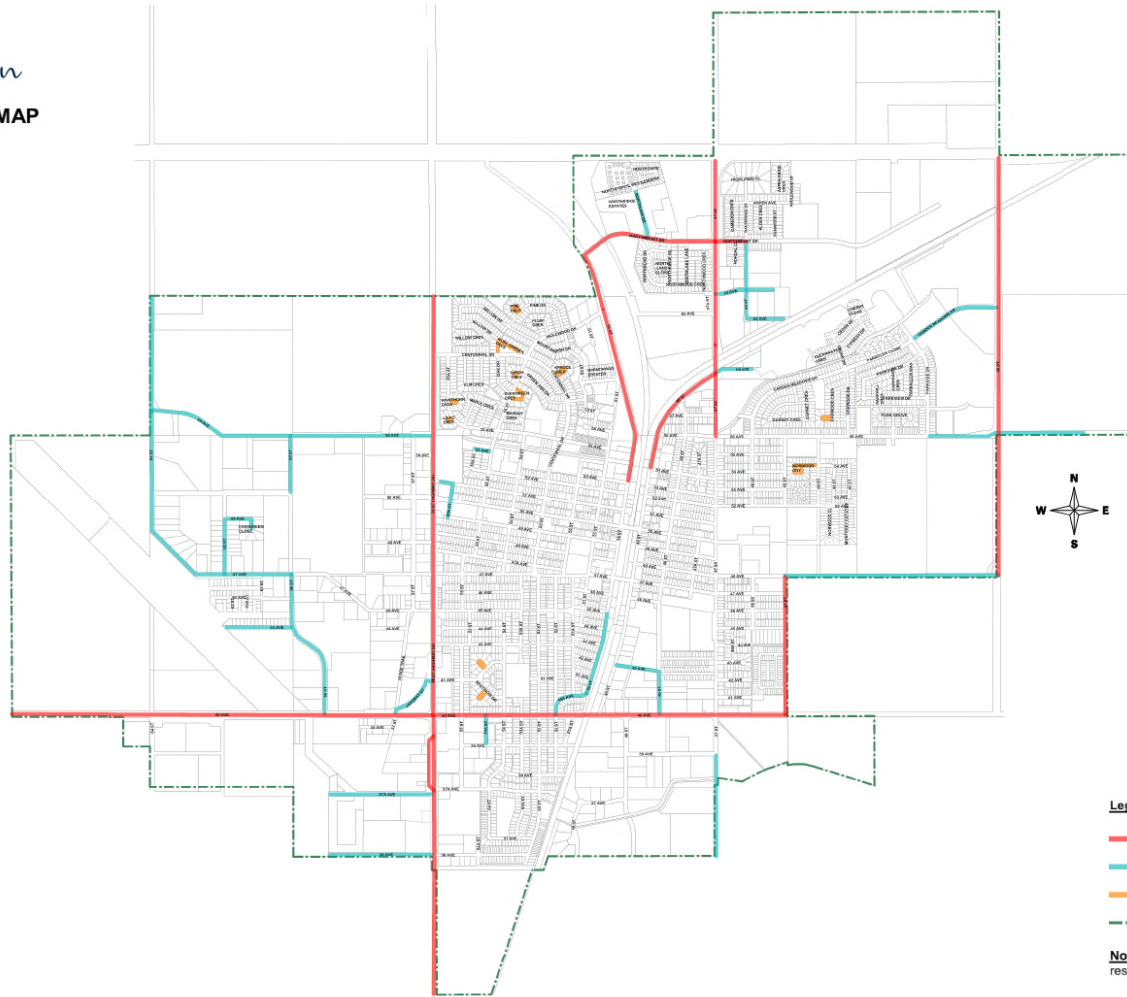




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Last Updated: March 22, 2018

This policy is subject to any specific provisions of the Municipal Government Act or other relevant legislation.





Legend

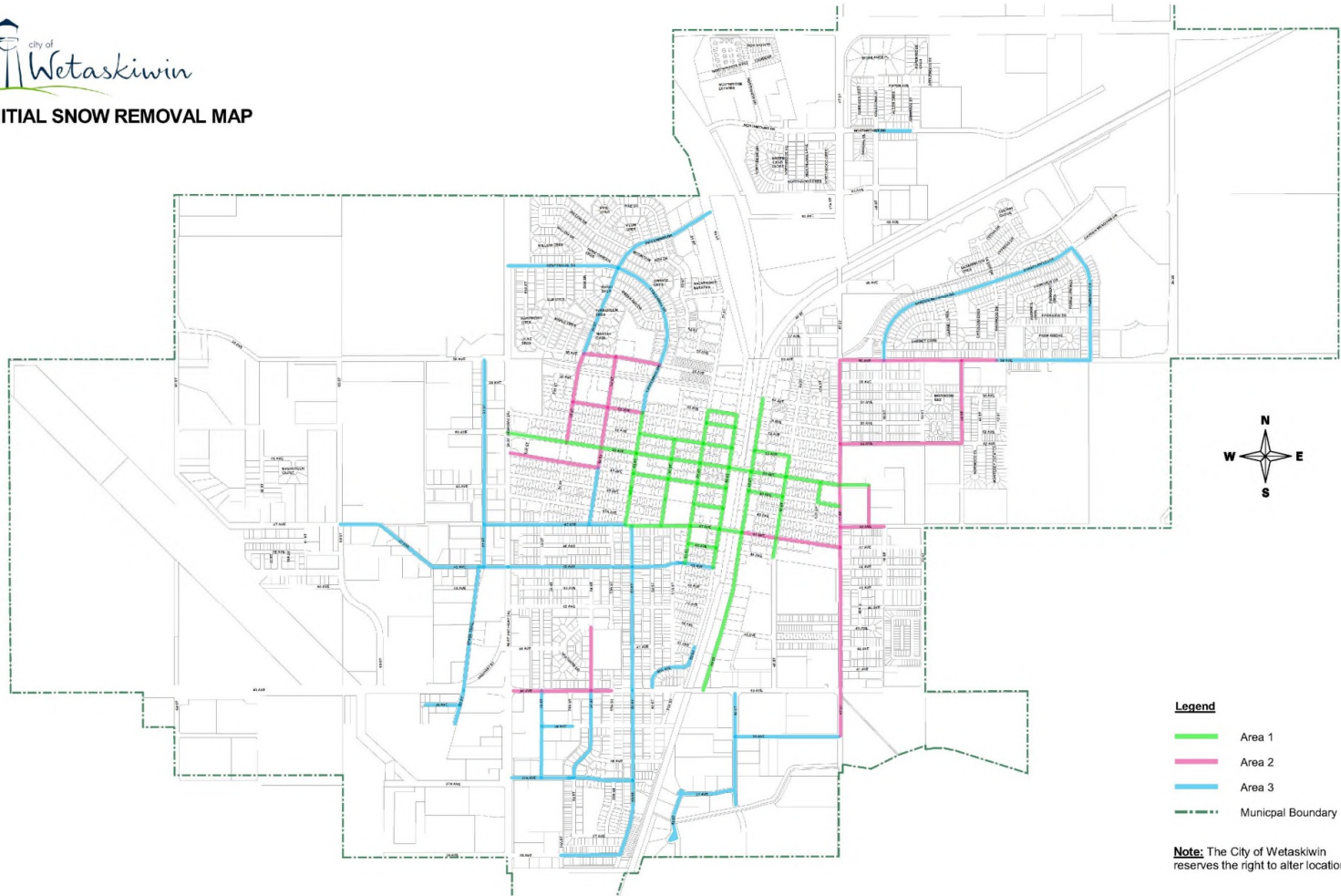
-  Location A
-  Location B
-  Location C
-  Municipal Boundary

Note: The City of Wetaskiwin reserves the right to alter locations.

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Last Updated: March 16, 2018



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Last Updated: March 19, 2018

- Legend**
- Area 1
 - Area 2
 - Area 3
 - Municipal Boundary

Note: The City of Wetaskiwin reserves the right to alter locations.



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