

Department:
Public Works & Engineering

Section:
PG - Programs

PG-03 Snow Clearing – County Roads

Policy Statement

Leduc County will provide snow clearing services for roadways under County jurisdiction. Leduc County, at its discretion and via agreement, may contract its snow clearing services to third parties.

Definitions

End of a snow or wind event: is considered when the snowfall reduces to a point where snow is no longer accumulating on the roadway or when the wind reduces to a point where snow is no longer drifting onto a roadway.

On Request: snow clearing will be completed when requested by an authorized individual subject to the terms of Snow Clearing – Private Driveways in the case of private driveways or by an authorized individual in the case of Churches, Halls and the Ministik Lake Parking Area.

Roadways: are the roads that are under the care and control of Leduc County and is recognized as a County roadway.

Subdivisions: is considered a multiple lot subdivision that has an internal roadway.

Surfaced Roads: are Roadways that have an asphaltic surface or surface treatment.

Time to Clear: the average time period within which snow clearing activity for a priority category, is expected to be completed after a snowfall/wind event has ended. The time to clear may be exceeded if there is additional snowfall or a wind event before the snow clearing activity from a prior snowfall or wind event has been completed.

Wind events: is an event where the wind speed and direction is conducive to snow drifting on the roadway.

Service Level Standards

- Leduc County snow clearing services will, at a minimum, commence and be prioritized according to Table 1a: Snow Clearing Priorities – Surfaced Roadways and Table 1b: Snow Clearing Priorities – Gravelled Roadways:

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Table 1a: Snow Clearing Priorities – Surfaced Roadways

Surfaced Roads		Time to Clear [†]	Snowfall Depth ^{††}
Priority 1	a) All Surfaced Roads (Excluding Subdivisions & Hamlets)	12 hours	2-5 cm
	b) Nisku		
Priority 2	a) Subdivisions	72 hours [‡]	5-7 cm
	b) Hamlets		

Table 1b: Snow Clearing Priorities – Gravelled Roadways

Gravel Roads		Time to Clear [†]	Snowfall Depth ^{††}
Priority 1	Gravel Grid Roads	72 hours	5-7 cm
Priority 2	a) Churches & Halls	N/A	On request ^{‡‡}
	b) Ministik Lake Parking Area		
Priority 3	Driveways	N/A	On request ^{‡‡}

[†] Time frame dependant on snowfall/wind event ending and ice control is not required.

^{††} Snowplows & graders may be deployed prior to the threshold being met during wind events. It is the foreman's and early watch personnel's discretion on whether the threshold is met.

[‡] Subject to the Priority 1 being completed.

^{‡‡} As per [Snow Clearing Private Driveways Policy](#).

- Regardless of the service levels outlined in Table 1a & Table 1b, calls received for snow clearing from emergency services (police, fire, ambulance) supersede and will be given the highest priority for snow clearing.
- Snow clearing of surfaced and gravel roadways will be completed concurrently as the different road types and areas require different snow clearing equipment.
- Generally, the starting point for snow clearing within each route will be alternated, from east to west, except where local conditions dictate a higher priority starting point for snow clearing (i.e., isolated drifting, localised snowfall, isolated ice control), as per the area foreman's and early watch personnel's discretion.

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Key Performance Indicators

The key performance indicators (KPIs) are not considered part of the service level of this policy, but are an indicator on whether the level of service is being met.

Table 2a: Snow Clearing KPIs – Surfaced Roadways

Surfaced Roads		Time to Clear [†]	KPI
Priority 1	a) All Surfaced Roads (Excluding Subdivisions & Hamlets)	12 hours	90%
	b) Nisku		
Priority 2	a) Subdivisions	72 hours [‡]	90%
	b) Hamlets		

Table 1b: Snow Clearing KPIs – Gravelled Roadways

Gravel Roads		Time to Clear [†]	KPI
Priority 1	Gravel Grid Roads	72 hours	90%
Priority 2	a) Churches & Halls	N/A	N/A
	b) Ministik Lake Parking Area		
Priority 3	Driveways	N/A	N/A

[†] Time frame dependant on snowfall/wind event ending and ice control is not required

[‡] Subject to the surfaced Priority 1 being completed.

Authority/Responsibility

The Director, Public Works & Engineering is responsible for maintaining & updating this policy and ensuring that the appropriate resources are available to meet the service levels.

The Manager, Operations is responsible for ensuring that the appropriate staff adheres to this policy and tracking the time required to clear each priority.

Leduc County Public Works & Engineering staff is responsible to be aware of and follow Snow Clearing – County Roads policy.

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Monitoring & Updating

This policy will be reviewed annually.

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