



Parks and Road Services



Edmonton

Snow and Ice Control Update

January 31, 2022
Community and Public Services Committee

Strategic Connections



Connect Edmonton



The City Plan



Safe Mobility Strategy



Snow and Ice Control Program

Winter 2021/22

November 30

First ever Phase 2 parking ban initiated

December 17

Council directed pilot to blade residential to bare pavement

January 10

Residential clearing operations resume

April 25

Report to council with service level options

October 24

Season kickoff, SNIC operations begin

December 7

Period of freezing rain, snow, extreme temperatures begin

December 27

Residential blading paused due to cold temperatures

January 21

Windrow removal trial in Griesbach

Edmonton

Current State



- 24/7 operation
- Maintaining major roadways and active pathways
- Residential blading
- Address emerging issues:
 - icy conditions
 - windrows
 - catch basins

Residential Blading



Windrow Removal Trial



- Test different types of roads
- Evaluate process



Griesbach, windrow removal trial, Jan 2022

Windrow Removal Trial

- Capture accurate costs and timing
- Inform options and recommendations



Griesbach, windrow removal trial, Jan 2022

Continuing the Conversation

Listening

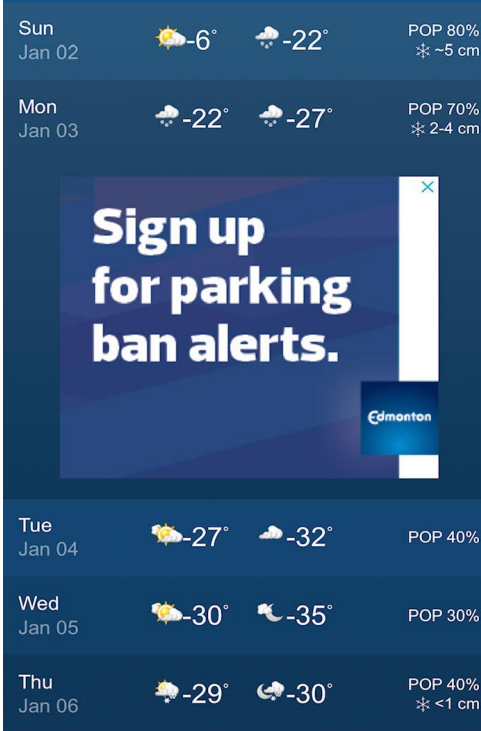
- Edmontonians
- Councillors
- Stakeholders

Resources for Councillors

- Operational updates
- Council resource guide, FAQs

Public Communications

- Social media
- Digital advertising & channels
- Web
- Community signage
- Media



The image shows a weather forecast for Edmonton from Sunday, Jan 02 to Thursday, Jan 06. The forecast includes daily high and low temperatures, weather icons, and precipitation probability (POP) with snowfall amounts. A large blue overlay with white text reads "Sign up for parking ban alerts." with an "x" in the top right corner. The Edmonton logo is visible in the bottom right of the overlay.

Day	Date	High	Low	POP	Snowfall
Sun	Jan 02	-6°	-22°	80%	~5 cm
Mon	Jan 03	-22°	-27°	70%	2-4 cm
Tue	Jan 04	-27°	-32°	40%	
Wed	Jan 05	-30°	-35°	30%	
Thu	Jan 06	-29°	-30°	40%	<1 cm

April 25 CPSC Report

- Programmed approach to Snow and Ice Control
 - Service delivery elements:
 1. Priority 1 and 2 (arterial and collector) roads
 2. Residential roads and culs de sac
 3. Active pathways (bus stops, sidewalks, bike lanes, trails)
 4. Additional SNIC services (assisted snow support, community sandboxes)
- Identify gaps in service delivery
- Identify resources and service delivery options
- GBA+ framework and social equity lens
- Estimate on costs and budget impacts