CITY OF
GRANDE PRAIRIE

POLICY

POLICY NO:	606	**APPROVAL DATE:**	February 14, 2005
TITLE:	Snow and Ice Control	**REVISION DATE:**	July 12, 2021
SECTION:	Lands, Roads and Buildings	**PAGE 1 OF 5**	
DEPARTMENT:	Transportation and Parks		

POLICY STATEMENT

The City of Grande Prairie ("City") will manage snow and ice control program on City controlled roads, lanes, parking lots, sidewalks, pathways and Transit stops in the most efficient and effective manner in accordance with the established service level priorities, the City's Traffic Bylaw C-1166 and the Municipal Government Act. The intent of the snow and ice control program is to minimize the economic loss to the community, reduce the inconvenience and hazards of winter conditions for motorists and pedestrians, and facilitate the operation of Transit and Emergency Services, to the greatest degree practical and within available financial resources.

Snow and ice control services are not intended to eliminate all hazardous conditions but more to assist vehicles that are properly equipped for winter driving conditions and operated in a manner consistent with good winter driving habits and also to assist pedestrians walking with care and attention to winter conditions.

REASON FOR POLICY

This Policy is necessary to make a clear statement of the intent of the City's winter operations and establish the priorities and standards of the snow and ice control program given limited resources and unpredictable winter conditions. An effective and efficient snow and ice control program is necessary to allow the City to function under normal winter weather conditions, reduce snow and ice hazards and provide the public adequate mobility on all City controlled roads, lanes, parking lots, sidewalks, pathways and Transit stops.

DEFINITIONS

Priority 1 means arterial roads defined by Transportation and Parks Manager as major roads carrying high traffic volumes and are generally four lane roads at one (1) mile spacing within City limits.

Priority 2 means collector roads defined by Transportation and Parks Manager as roads that access arterial roads.

Priority 3 means roads defined by Transportation and Parks Manager as roads in Industrial and commercial areas not identified as Priority 1 or 2.

Ice Control means apply abrasives and/or chemical de-icers to the surface of roads, lanes, parking lots, sidewalks, pathways and Transit stops to improve traction.

Residential Roads and Lanes means roads defined by Transportation and Parks Manager as roads or lanes in residential areas not identified as Priority 1 or 2.

Permanent Snow Routes means routes defined as Priority 1 or 2 in Policy. All snow routes shall be permanently signed under the authority of the City's Traffic Bylaw C-1166.

Snow Plowing means pushing accumulated snow from roads, lanes, parking lots, sidewalks, pathways and Transit stops in order to maintain traffic flow and pedestrian travel.

Snow Removal means windrowing accumulated snow and loading onto trucks, for disposal at the City's snow dump or storage of snow on boulevards, cul-de-sacs, lanes or public utility lots.

Temporary Snow Routes means routes as indicated on Schedule "5" Residential Snow Plowing-Schedule by Day Map, in this Policy. Temporary snow routes shall be temporarily signed under the authority of the City's Traffic Bylaw C-1166.

Transit Routes means the route of Grande Prairie Transit services, updated from time to time.

SERVICE LEVELS

Service Levels shall be established for routes dependent on their priority ranking. It is expected that there will be extreme winter conditions where the immediate demand for snow and ice control service will exceed the available resources. In order to maximize the effectiveness of the available resources, snow and ice control services will be allocated as follows:

Arterial, Transit Routes, Commercial and Industrial Roads

Priority 1

Description

- Are arterial roads and primary access roads for Emergency Services as indicated on Schedule "2" Snow Plowing Priorities-Roads Map.

Service Level

- Routes will be plowed when there is sufficient snow accumulation for plowing to be effective. The time standard to meet this service level is within 24 hours after the end of the snowfall event. The intent is to maintain the driving lane clear of compact snow.

Procedure

- Snow will normally be plowed past the curb and stored on adjacent City owned boulevards. Certain areas will be plowed to the center of the road and stored in a windrow for later removal by truck.

Priority 2

Description

- Are collector roads as indicated on Schedule "2" Snow Plowing Priorities-Roads Map.

Service Level

- Routes will be plowed when there is sufficient snow accumulation for plowing to be effective and after Priority 1 roads are complete. The time standard to meet this service level is up to a maximum of five (5) days after Priority 1 roads are complete. The service level standard may or may not include weekends depending on conditions. The intent is to maintain the driving lane with 5 cm or less of compact snow.

Procedure

- Snow will be plowed to the center of the road and stored in a windrow for later removal by truck or plowed past the curb and stored on adjacent City owned boulevards.

Priority 3

Description

- Are roads in commercial and industrial areas not identified as Priority 1 or 2, as indicated on Schedule "2" Snow Plowing Priorities-Roads Map.

Service Level

- Routes will be plowed when there is sufficient snow accumulation for plowing to be effective and after Priority 1 roads are complete. The time standard to meet this service level is within five (5) days after the end of the snowfall event.

Procedure

- Snow will be plowed past the curb and stored on adjacent City owned boulevards. Some areas will require the snow to be plowed to the center of the road and stored in a windrow for later removal by truck. Windrows across driveway openings will be cleared.

Communications

- All Communications on the snow and ice control program will be done through the Communications and Marketing department.

Contractors

- Transportation and Parks will maintain a list of contractors to assist during Residential Snow Plowing or at any other time deemed necessary by the Transportation and Parks Manager. The Procurement department will issue an RFP on a biennial basis to establish the list of contractors.

Ice Control

- Ice Control will normally be carried out on all Priority 1, 2 and 3 roads on a continuous basis on weekdays and dayshift on weekends or operate 24 hours a day, 7 days per week from October 15 to April 15 if deemed necessary by the Transportation and Parks anager.
- Ice Control on Residential Roads, parking lots, sidewalks and pathways will be on an as needed basis.

Parking Bans and Snow Routes

- Parking bans will be declared when required by the Transportation and Parks Manager, on Permanent Snow Routes, as indicated on Schedule "1" Permanent Snow Routes-No Parking Map, from November 15 until April 15 and will be in effect on weekdays from 7:00 a.m. until 9:00 p.m. until the declaration is ended.
- Permanent Snow Routes will be established along all Priority 1 and 2 routes.
- Vehicles parked on Permanent Snow Routes when parking bans are declared will be subject to a fine and/or towed under the authority of the City's Traffic Bylaw C-1166.

Parking Lots

- Snow and Ice Control in City managed parking lots are identified as either Priority 1 or 2 as determined by the Transportation and Parks Manager.
- Parking lot Snow Removal, as indicated on Schedule "6" City Maintained Parking Lots Listing, will be reviewed from time to time.
- Snow Plowing will be initiated when snowfall accumulation exceeds 10 cm.
- Ice Control in parking lots is conducted as required and determined by the Transportation and Parks Manager.

Residential Snow Plowing

Roads and paved lanes in residential neighborhoods will be plowed as follows:

- Snow Plowing service will commence within 24 hours after a major snow event or when 10 cm of snow has accumulated.
- The service will be on scheduled days in each neighborhood on the day before garbage collection day, as indicated on Schedule "4" Snow Plowing Priorities-Lanes Map and Schedule "5" Residential Snow Plowing-Schedule by Day Map. Snow Plowing will not normally take place on weekends therefore if Monday is garbage collection day, Friday is Snow Plowing day.
- Notice will be provided to local media, on social media and the City's website.
- Vehicles must be removed from the road and paved lanes or City crews may have to cancel the service if there are too many parked vehicles impeding safe and effective Snow Removal activities.
- When there is a sidewalk on one side of the road, snow will be plowed to the side of the road without a sidewalk and pushed past the curb and stored on the City boulevard.
- When there are sidewalks on both sides of the road, snow will be either windrowed and stored on the side of the road or pushed past the curb and stored on the City boulevard.
- Snow will be piled and stored in the center of cul-de-sacs.
- If there is a Park on one side, all the snow will be plowed to the Park side.
- The normal practice is not to cover sidewalks with snow removed from the road surface. Certain conditions will result in snow from the road covering or partially covering the sidewalk. This will be the responsibility of the property owner to remove under the authority of the City's Traffic Bylaw C-1166.
- Sidewalks adjacent to City owned property, such as public utility lots, easements, parks, fire hydrants, catch basins, utility boxes, mailboxes and school bus stops will be cleared of snow during the Residential Snow Plowing operation.

- Windrows across driveway openings will be cleared during the Residential Snow Plowing operations.
- One (1) complete rotation of Residential Snow Plowing may take up to two (2) weeks depending on weather conditions and snowfall amounts.

Service Levels

- Service levels will always be subject to the availability of equipment and personnel.

Sidewalks and Pathways

- Snow and Ice Control services on sidewalks and pathways are identified as either Priority 1 or 2 as determined by the Transportation and Parks Manager.
- Sidewalks adjacent to privately owned property are the responsibility of the adjacent landowner under the authority of the City's Traffic Bylaw C-1166.
- Sidewalks adjacent to City owned property, such as public utility lots, easements and parks will be cleared of snow during the Residential Snow Plowing operation.
- Snow Plowing priorities, as indicated on Schedule "3" Snow Plowing Priorities-Sidewalks and Pathways Map, for sidewalks and pathways will be reviewed from time to time.
- Snow plowing will be initiated when snowfall accumulation exceeds 10 cm.
- Ice Control on sidewalks is conducted as required and determined by the Transportation and Parks Manager.
- Pathways within public utility lots and parks will not be plowed or cleared of ice unless these pathways are links between sidewalks and pathways under City responsibility.

Transit Stops

- Snow clearing at Transit Stops is coordinated by the Transportation and Parks Manager and the Transit Manager.
- Snow clearing will be initiated when snowfall accumulation exceeds 10 cm.
- Ice Control at Transit Stops is conducted as required and determined by the Transportation and Parks Manager.

Winter Season

- Transportation and Parks will be prepared to conduct snow and ice control operations 24 hours a day, 7 days per week from October 15 to April 15. Operations will commence when, in the opinion of the Transportation and Parks Manager that conditions dictate.

RESPONSIBILITIES

City Council will review and approve any revisions to this Policy.
City Manager will review and approve any procedures to the Policy.
City Administration will carry out the policy based on established procedures.
Transportation and Parks Manager will develop and initiate internal procedures relating to the day-to-day implementation of this Policy and declare parking bans on Permanent Snow Routes.

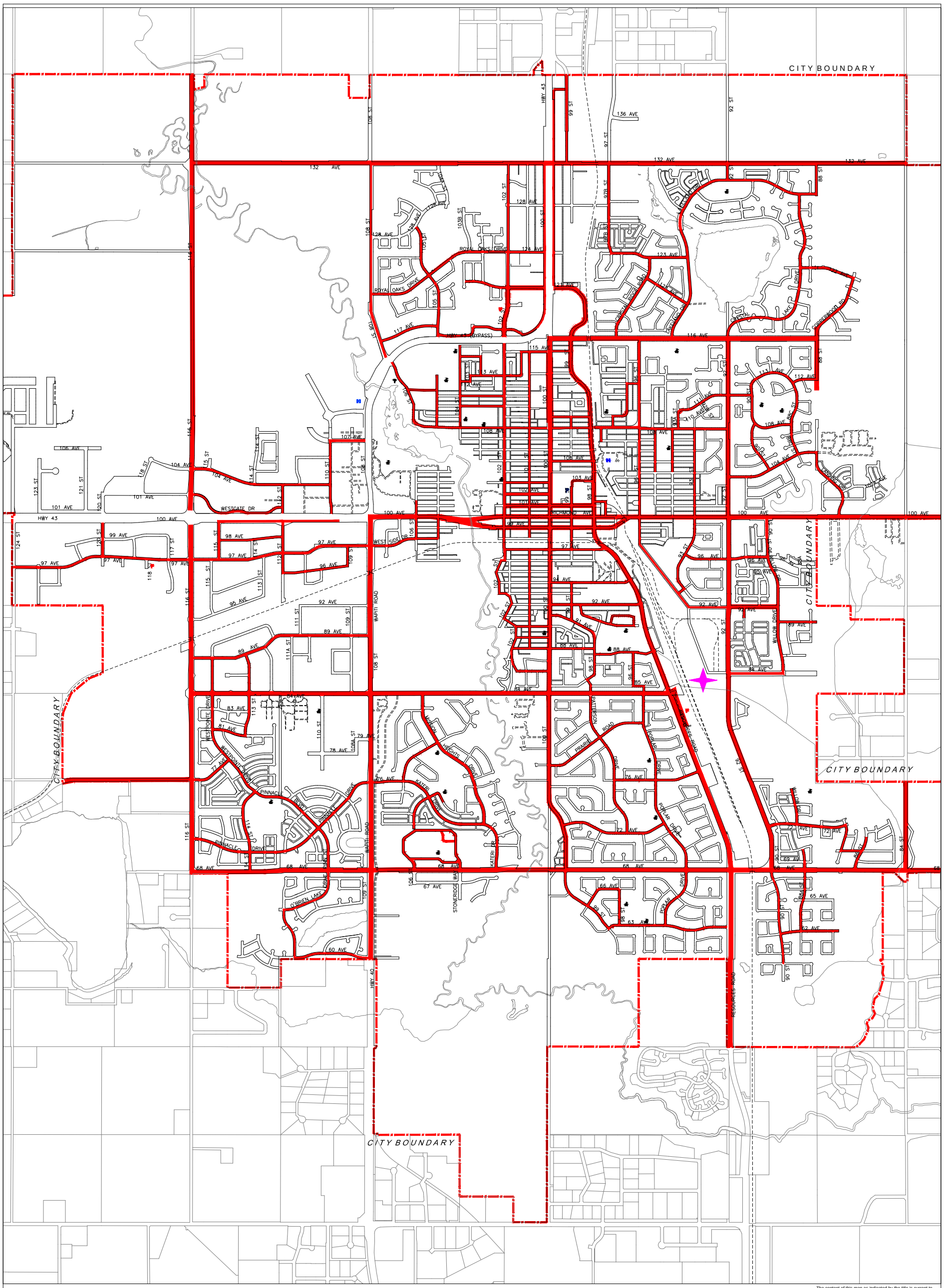
SNOW AND ICE CONTROL
POLICY 606

SCHEDULE "6"

TRANSPORTATION SERVICES

CITY MAINTAINED PARKING LOTS

DESCRIPTION	LOCATION	CLEARED	HAULED
PRIORITY 1			
Firehall West	9606 - 118 Street		
Firehall South	8111 - Resources Road		
Firehall North	11906 - 102 Street		
RCMP	10202 - 99 Street		
City on 99	9910 - 99 Avenue		
PRIORITY 2			
City Hall	10205 - 98 Street		
City Service Centre	9505 - 112 Street		
Eastlink Centre	Knowledge Way, CKC Ring Road		
Centre 2000	106 Street - Highway Bypass		
Coca Cola Centre	Knowledge Way, CKC Ring road		
Bowes Crystal Gardens	99 Avenue & 100 Street East Side		
Canada Games Arena	98 Avenue, 101 - 102 Street West Side		
Crystal Centre (back across tracks)	97 Avenue, 100 - 101 Street		
Dave Barr	Poplar Drive & Prairie Road		
Lion's Learning Centre	Poplar Drive & Prairie Road		
Public Parking	99 Avenue, 101 - 102 Street		
Public Parking	99 Avenue, 100 - 101 Street (next to Better Than Fred's)		
Towne Centre Mall	98 Avenue, 98 - 99 Street		
City Lot	North side of 101 Avenue & East of 99 Street		
Farmers' Market	South East Corner 101 Street & 102 Avenue		
Leisure Centre	105 Street & 113 Avenue		
Centre for Creative Arts	101 Avenue & 99 Street		
Golden Age	101 Avenue & 102 Street		
GP Art Gallery	98 Street & 103 Avenue		
Army, Navy & Airforce	103 Avenue & 93 Street		
"D" Coy Armouries	101 Street & 90 Avenue		
Muskoseepi Park	Bear Creek & 102 Street		
Old RCMP Building	10031 - 103 Avenue		



LEGEND

- Permanent Snow Routes
- City Boundary
- Fire Hall
- Hospital
- Future Hospital
- Police
- School Location
- Future School Location
- Visitor Information Centre
- Snow Dump Site

THE CITY OF GRANDE PRAIRIE

SCHEDULE "1"

SNOW AND ICE CONTROL POLICY 606

Approved February 14, 2005 - Revised June 30, 2014

PERMANENT SNOW ROUTES - NO PARKING

NOVEMBER 15 TO APRIL 15

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Roads

THE CITY OF GRANDE prairie ALBERTA

https://map.gpgis.com

Snow Plowing Priorities Roads

Schedule "2"
Snow And Ice Control Policy 606
Approved July 12, 2005
Revised July 12, 2021

LEGEND

- 1st Priority Plowing 80.40 km
- 2nd Priority Plowing 113.68 km
- 3rd Priority Plowing 26.12 km
  Note: Other roads and Lanes as required
- City Boundary

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Sidewalks And Pathways

THE CITY OF GRANDE prairie ALBERTA

https://map.gpgis.com

Snow Plowing Priorities
Sidewalks And Pathways

Schedule "3"
Snow And Ice Control Policy 606
Approved February 14, 2005
Revised July 12, 2021

LEGEND

- 1st. Priority Plowing 56.38 km (by Transportation Department)
- 2nd. Priority Plowing 30.86 km (by Transportation Department)
- Muskoseepi Park Trails Plowing 21.06 km (by Muskoseepi Park Department)
- City Boundary
- Gravel
- X Bus Stop

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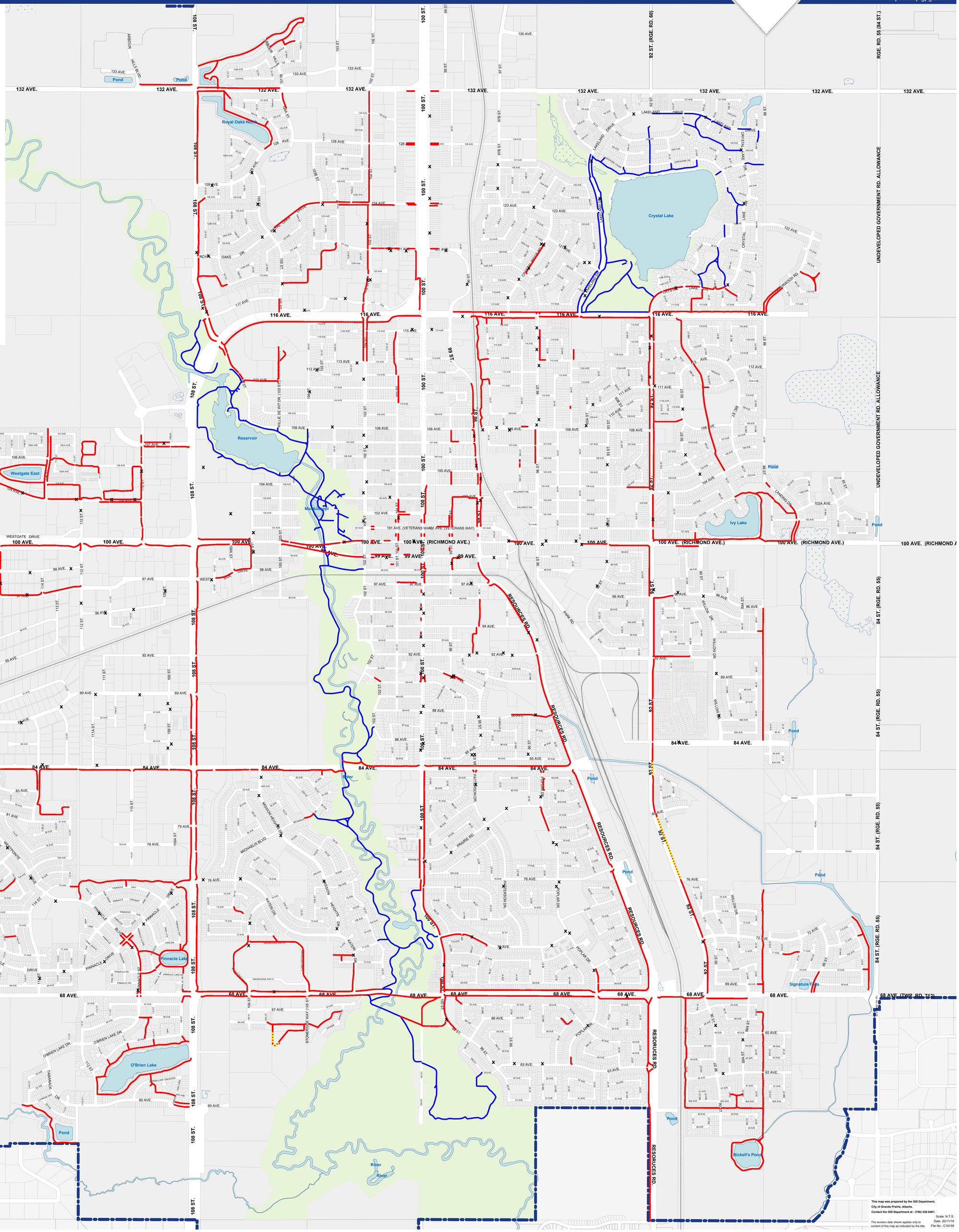

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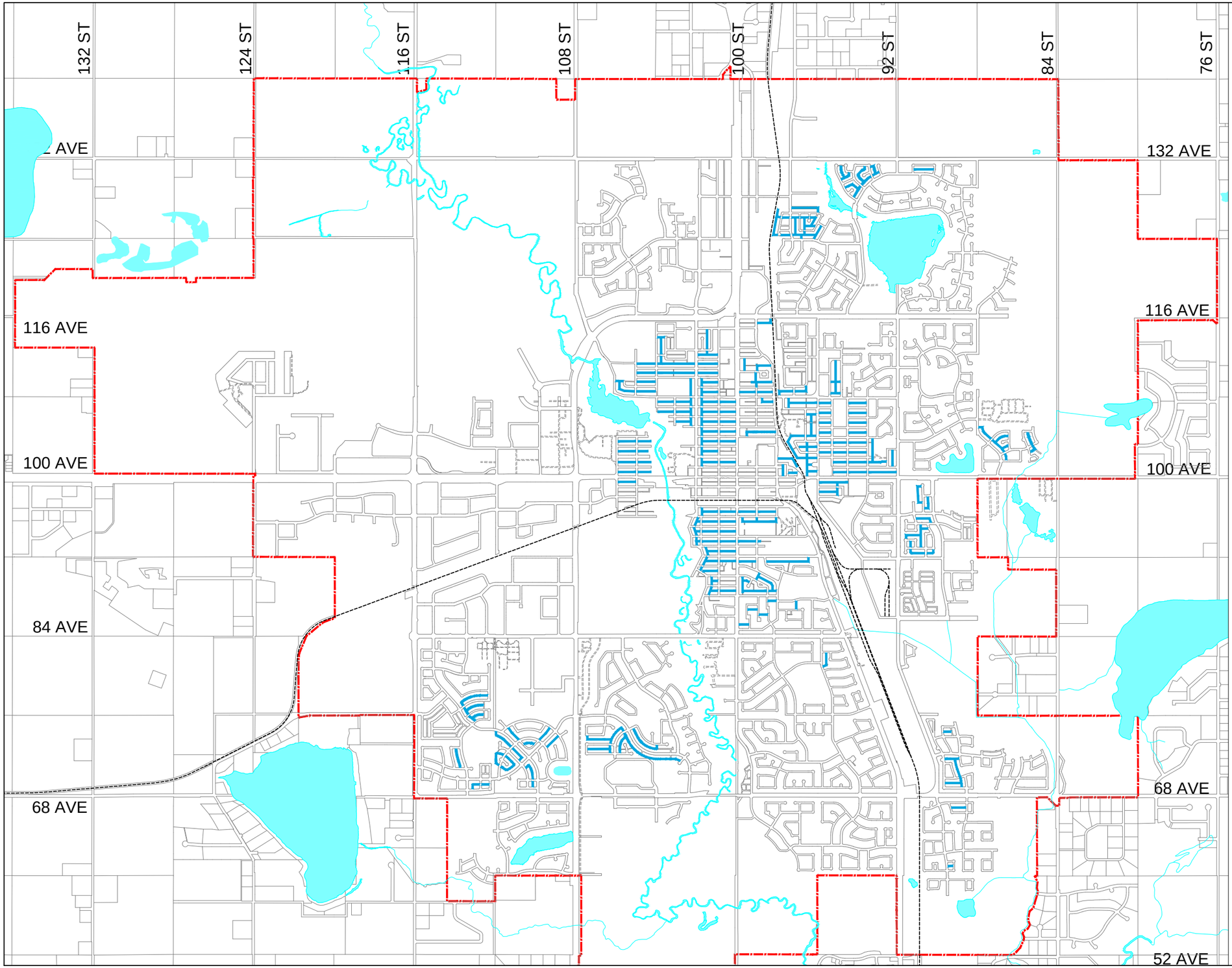
THE CITY OF GRANDE PRAIRIE

SCHEDULE "4"
SNOW AND ICE CONTROL POLICY 606
Approved February 14, 2005 - Revised June 30, 2014
SNOW PLOWING PRIORITIES
LANES



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LEGEND

Snow Plowing - Lanes 35.82 km

City Boundary

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Residential Snow Plowing by Day

THE CITY OF GRANDE prairie ALBERTA

https://map.gpgis.com

Residential Snow Plowing Schedule by Day

Schedule "5"
Snow And Ice Control Policy 606
Approved February 14, 2005
Revised July 12, 2021

LEGEND

- M — Monday Areas
- TU — Tuesday Areas
- W — Wednesday Areas
- TH — Thursday Areas
- F — Friday Areas

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