



June 27, 2022

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# Winter Maintenance Implementation

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Sidewalks

# Presentation Outline

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The following presentation is to provide the necessary information for Council to consider additional winter maintenance activities to align with current and projected population growth within the Town. This includes the maintenance of all sidewalks by internal resources.

Background

Current Winter Maintenance of Sidewalks

Changing the Level of Service

Future Winter Maintenance of Sidewalks

Equipment

Facility Requirements

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# Background

There are 31 km of municipal sidewalks, with the Town contracting out the winter maintenance of 20.23 km of Town sidewalks. There are approximately 10.78 km of municipal sidewalks where the Town does not provide winter maintenance. In addition, there are approximately 10.65 km of sidewalks proposed in new development within the Lora Bay and Craigleith Areas.

Town of The Blue Mountains Sidewalk Winter Maintenance	Length (km)
Town Sidewalks with Winter Maintenance	20.23
Town Sidewalks without Winter Maintenance	10.78
Private Sidewalks	4.58
Unassumed Sidewalks	10.65
<b>Total</b>	<b>46.24</b>
Georgian Trail – winter groomed maintenance between Christie Beach Rd and Grey Rd 21	20.48

# Current Winter Maintenance of Sidewalks

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# Current Service Contracts

- Contract 1:
  - Includes a minimum of 1 sidewalk machine
  - Provide service 7 days a week
  - 5 tractors with snow blades, snow blowers, and front-end loader options
  - 1 parking lot sander
  - Labour for hand shoveling around Thornbury, and the bridges in Clarksburg
  - Contract was awarded in 2019 and has a 5 year-term until April 15, 2024
- Contract 2:
  - Blue Mountain Village sidewalks and Snowbridge Development are maintained through a tender with Blue Mountain Resort
- All other residential sidewalks in the Lora Bay/Camperdown and Craigleith areas are signed – No Winter Maintenance Nov 1 – April 15

The background is a solid teal color. Overlaid on this are dark teal silhouettes of rolling mountains and a winding river or path that flows from the bottom left towards the center. The text is white and positioned in the upper half of the image.

# Changing the Level of Service for Winter Sidewalk Maintenance

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# Future Winter Maintenance of Sidewalks

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# Option 1: Status Quo – Current Winter Maintenance of Sidewalks

- Maintain the current winter sidewalk maintenance plan.
  - Maintain 20.23 km of sidewalks located in Thornbury/Clarksburg, and the Blue Mountain Village.
  - All other residential sidewalks are deemed closed for the winter.



# Option 2: Contract Sidewalk Maintenance in All Areas

- Pros: The cost of staff/equipment and storage are the responsibility of the contractor. The Town needs to only administer the contract, or several contractors.
- Cons: The Town could face unanticipated costs with the loss of service mid-season, which has been experienced in the past.

# Option 3: Hybrid Version of Contracting and Town Maintenance

- Pros: This option would help to control costs while Town staff become more experienced with the sidewalk maintenance.
- Cons: The Town could face unanticipated costs with the loss of service mid-season, which has been experienced in the past.

# Option 4A: Town Staff Provide Maintenance of Sidewalks – Two (2) Depot Locations

- All staff and equipment could be split between two (2) depot locations
- Two (2) service areas could be created:
  - One for the Lora Bay / Thornbury / Clarksburg area
  - Craigleith area

# Option 4B: Town Staff Provide Maintenance of Sidewalks – One (1) Depot Location

- All staff equipment could be located at a single site currently owned by the Town.
- The sidewalk machines could be loaded on a trailer and hauled with a truck to various service locations.
- This is currently common practice for the Town's lawnmower and tractors which service the Town's Parks.

# Equipment

- Two (2) sidewalk maintenance units with attachments for the Lora Bay/Thornbury/Clarksburg area.
- Two (2) sidewalk maintenance units with attachments for the Craigleith area.
- One (1) spare machine and attachments in the event of mechanical failure/repairs.
- One (1) heavy duty pick-up truck to supply sand/salt, and haul sidewalk machines.



# Facility Requirements

## Facility Requirements for Lora Bay / Clarksburg / Thornbury

- A 1200 sq.ft. heated prefabricated structure with concrete floors to accommodate two (2) sidewalk machines (\$540,000), with one (1) washroom.

## Facility Requirements for Craigleith – Building on a 3-acre site

- A 1200 sq.ft. heated prefabricated structure with concrete floors to accommodate two (2) sidewalk machines (\$540,000), with one (1) washroom.
- A fuel storage system with diesel, dyed diesel, and gasoline tanks (\$60,000).
- A block wall foundation with a wooden structure with metal clad siding and roofing for salt/sand storage (\$20,000).

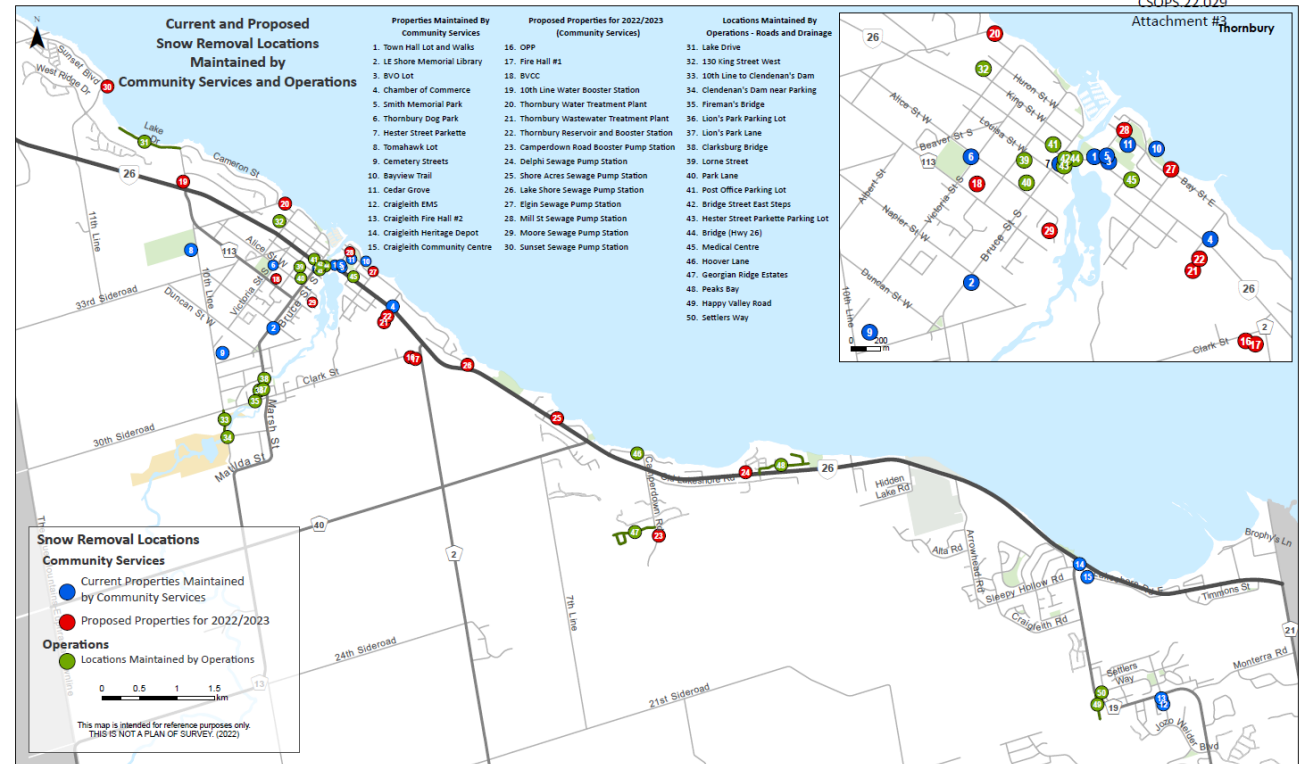
# Staffing Requirements – Option 4A & 4B

- To provide proper winter maintenance for the two areas, the Town would require
- five (5) operators plus one (1) lead hand/spare operator for a total of six (6) employees.
- Four (4) routes would require four (4) drivers, each driver would be on a five (5) day.

Winter Positions	Summer Positions
<ul style="list-style-type: none"><li>• 6 staff assigned to sidewalks</li></ul>	<ul style="list-style-type: none"><li>• 2 staff assigned to CS – Parks</li><li>• 4 staff assigned to OPS – R&amp;D</li></ul>

# Parking Lots & Laneways

There are a total of fifty (50) locations between the Community Services and Operations Divisions which need to be maintained. As fewer local contractors are available to take on these works, the Town will need to take on the additional services in-house.





# Recommendation

**Option 4A – Town will provide the winter maintenance service from 2 depots locations. One located in Craigleith at the vacant lands located on County Road 19, and a second storage facility at Tomahawk.**

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The background is a solid teal color. Overlaid on this are stylized, layered shapes representing a mountain range and a body of water. The mountains are depicted as overlapping silhouettes in varying shades of teal, with the foreground mountains being a darker shade. A winding, irregular shape representing a lake or river is positioned in the lower half of the image, also in a teal shade. The overall aesthetic is clean and modern.

# Financial Impacts

# Operating

Expense	Budget	Impact on 2022 Tax Levy
5 Operators	\$500,000	
Lead Hand	\$110,000	
Compliance Coordinator	\$55,000	
Vehicle Costs	\$15,000	
Machine Costs	\$160,000	
Facility Costs	\$5,000	
<b><i>Less Items Included in the Base Budget</i></b>		
Seasonal Staff	\$225,000	
Sidewalk Contracts	\$65,000	
Net Impact on Taxation	\$540,000	2.92%

# Capital

Capital Expense	Budget
Sidewalk snow removal machinery	\$1,050,000
Facilities	\$1,230,000
Total Capital Costs	\$2,280,000
Taxation Funding	\$1,370,000
Public Works Development Charges Funding	\$910,000
Total Funding	\$2,280,000



# Thank you for your time

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# Questions and Comments

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