



Presented by Roads & Transportation
Nathalie Mihelchic, P. Eng., Manager of Operations

May 21, 2008 Priorities Meeting

311 At Your ✓ À votre
Service

 **Sudbury** Greater | Grand
TM



Introduction

- Council has requested staff to prepare Winter Sidewalk Maintenance Options for their consideration.
- Staff have reviewed options and prior to committing resources to investigate those options further, staff is looking for Council's direction.



This presentation provides Council With:

- A background on Winter Sidewalk Maintenance
- Current Service Level
- Issues impacting Winter Sidewalk Maintenance
- Potential options for Council's consideration



Background

- Winter sidewalk maintenance has been maintained at service levels that existed pre-amalgamation.
- Former Councils established service levels via By-Laws.
- There is disparity in which sidewalks have or have not been designated for Winter Maintenance Service between the former municipalities.
- The level of sidewalk maintenance provided is the same for all sidewalks designated for winter maintenance, with the exception of the old City of Sudbury business core which receives service five (5) times per week from Sunday midnight to Friday 8 a.m.



Official Plan

Section 11.7 of the CGS Official Plan

- Sidewalks facilitate active living and are an essential component of good neighbourhood design, providing a safe pedestrian environment and access to other transportation linkages such as transit stops and trails. Curbs and sidewalks in neighbourhoods also encourage walking and provide safety for children. It is a policy of this Plan to provide the following on new and reconstructed roads, when feasible:
 - a) Sidewalks on both sides of urban Arterial Roads and Collector Roads adjacent to developed lands;
 - b) Sidewalks on at least one side of Local Roads;
 - c) High quality pedestrian connections to transit;
 - d) Pedestrian connections between neighbourhoods; and
 - e) Pedestrian linkages to major attractions/generators.



Current Service Level

Winter Maintenance

- The current service level requires response to winter conditions at 8 cm or icy conditions by plowing, snow blowing and/or sanding designated sidewalks within 4 to 24 hours following the end of a winter event.
- Council reviewed this service level and reaffirmed it in 2006. Therefore, no change is proposed.



Current Service Level

Equipment

- A specialized Municipal Tractor (MT) is used with plow, snow blower and sander attachments to provide winter service to sidewalks. These machines with winter attachments cost approximately \$150,000.
- The MT's are designed to work on the standard 1.5 metre sidewalk, but also have other attachments to allow them to be used for other tasks such as mowing, grinding, brushing, asphalt repair and spraying.



Current Service Level

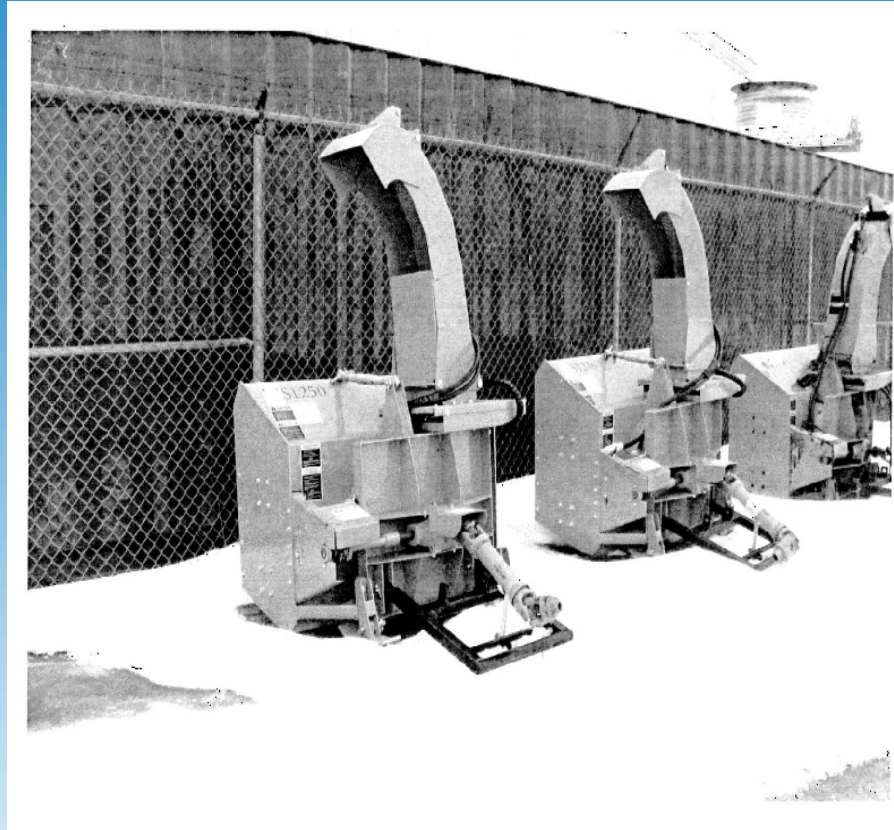
Municipal Tractor (MT)
with Snow Plow and
Sander Trailer





Current Service Level

MT Snow Blower
Attachments





Issues

- No provincial minimum maintenance standards
- Movement of pedestrians in winter
- Liability – regardless if sidewalk is maintained
- Difference in sidewalks designated for service across City (Falconbridge / Levack).
- Additional Snow Removal
 - Availability of snow storage area
 - Increased snow removal costs
- Arterial / Collectors
 - Sidewalks adjacent to these roads require more frequent servicing to maintain standard with limited space for snow storage.



Challenges

- Some Existing Sidewalks are Designed Too Small to Safely Accommodate MT's
 - 1.2 metres wide
 - Splash pads(can not safely accommodate sidewalk equipment)
- Location
 - Snow storage for property owners
- Walking Paths
 - Restricted access to motorized vehicles
- No Sidewalks
 - Require Capital Plan and Expenditures



Options

1. Adopt Official Plan (Yes or No)
 - Two (2) side arterial / collector
 - One (1) side residential
 - Rebuilding roads to Official Plan
 - Eliminate one (1) existing sidewalk on streets with two (2) sidewalks



Options

2. Maintain Substandard Sidewalks

- a) Where standard equipment can not be used (Yes or No).
- b) Where it is not continuous with existing system (Yes or No).



Options

3. Service Provided by Property Owners (Yes or No)
 - Budget reduction
 - Impact on seniors
 - Enforcement
 - Other municipalities , Ad Hoc



Thank You

311 At Your ✓ À votre
Service

 **Sudbury** Greater | Grand
TM