

For Information Only

2013 Street Sweeping Program

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Recommendation

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Background

Introduction

The City has historically commenced sweeping between late March to late April. The commencement date is usually dictated by weather. A premature start to the sweeping operation may result in a repetition of sweeping, if a late season winter event occurs and sanding is required.

This winter season the City has received a higher than average snow fall coupled with very cold temperatures. The long range forecast indicates continued cold temperatures. These weather conditions slow down the melting of roadside snow banks which are typically saturated with winter sand. The street sweeping program will not commence until the snow banks have melted. Consequently, a later than usual start to this year's street sweeping operation can be expected.

City and contract crews are prepared to commence their operations as soon as the weather permits.

City's Street Sweeping Program

Once, the winter control season begins to wind down, the City's Fleet Section retrofit the sidewalk plows to sidewalk sweepers. They also service and equip the City's vacuum sweepers and flusher trucks for active duty. The City utilizes its vacuum sweepers throughout the Spring, Summer and Autumn periods for roadway debris collection and routine maintenance as required.

The City does not directly collect winter sand from its sidewalks. Rather, prior to sweeping the roads, City crews sweep sand/debris off its medians, boulevards and sidewalks towards the road. Street sweepers follow close behind the sidewalk sweepers to collect all of the winter sand and debris from the road. Water is applied as required to minimize dust generation during this process. In rural areas (streets with no curbs), the City sweeps the roads with truck or sidewalk sweeper mounted rotary brooms.

Urban street sweeping is measured in curb kilometres. Curb kilometres are a measurement of the roadside curb distance. During the Spring cleanup, the City sweeps approximately 330 curb kilometres of a total quantity of 1,000 curb kilometres. The remainder is swept by contractor crews. The City strives to complete its allotment of work prior to the Victoria Day long weekend.

Signed By

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Private driveways that are swept by private contractors and property owners are prohibited from fouling the travelled portion of the road with sweepings in accordance with By-Law 2011-219. Contraventions of this bylaw will lead to delays, increased costs and the appearance that street sweeping is incomplete.

Contractor's Street Sweeping Program

The City's primary street sweeping Contractor, DeAngelo Brothers Inc. (DBI), is in their final year of a three year contract. DBI's annual contract is valued at approximately \$190,000 and provides the City with significant value for the money. The City received two other bids in 2011 valued at \$380,000 and \$424,000.

DBI has improved their operations from year to year. They have committed to continue this trend. To this end, they have secured state of the art sweeping equipment to help expedite their operation while minimizing dust generation. They have also secured experienced subcontractors to supplement their fleet. With new equipment and experienced sub-contractors, they estimate to sweep an average of 31 curb kilometres per day. This represents a significant improvement to previous production totals.

DBI plans to train their operators at their Orangeville office, prior to their deployment to Sudbury. Once in Sudbury, the sweeping operation will run continuously from commencement to completion. The commencement date will be subject to weather conditions as determined by City staff.

DBI have committed to provide full time supervision of their crews for the complete duration of their street sweeping operation. They intend to use their local Ministry of Transportation Ontario (MTO) Area Maintenance Contract depot to service their equipment as required. They have local mechanics available to service their equipment and have secured local mechanical repair establishments for further assistance when necessary.

Quality Control

The City has assigned two Construction Services Inspectors to oversee the contract street sweeping operation while City Forepersons will monitor City crews for the same. The Inspectors will keep track of daily quantities to ensure that the Contractor's crews are meeting their daily production quotas. All parties will monitor the work for dust generation and to ensure that the streets are swept to acceptable standards.

During the Spring season, the City is in close and frequent communication with the Contractor with respect to all aspects of the operation.

Corporate Communications

A communications plan has been created surrounding street sweeping operations. The plan includes issuing a Public Service Announcement (PSA) to advise residents of the status of street sweeping operations.

The City's business centres, the Sudbury Rocks marathon route and environmentally sensitive areas will be a high priority. Citizens are encouraged to contact 311 if their streets have not been swept by the end of May. Citizens may also contact 311 if they have further questions or concerns regarding the street sweeping program or any other component of municipal work.