

## Street Cleaning and Sweeping – Spring/Summer 2020 Service Levels

Street Cleaning and Sweeping service line includes the removal of sand, gravel, leaves and debris from paved streets, medians and paved lanes. It also includes dust palliation services to reduce dust on unpaved streets.

### SUMMARY

Service Level	Staffing Level	Budget Implications	Comments
Typical Service Level	40	\$0	Typical summer staffing level.
A - Reduced Service Level	30	\$1,250,000 Favourable	Staffing level to deliver reduced service level.
<b>Recommended B – Near Typical Service Level</b>	<b>40</b>	<b>\$0*</b>	<b>Typical summer staffing level.</b>

\* Revenue loss for parking tickets has been accounted for in general revenue forecast

### MODIFIED 2020 SERVICE LEVELS

Service Provided	Sub-service	Typical Service Level	A - Reduced Service Level	B - Near Typical Service Level
Street Sweeping	Median Sweep & Park Frontages	Completed prior to residential sweeping program	Same as typical but ~50% of turf medians not swept.	Typical
	Priority Street Sweep	Major debris is removed from high traffic streets in the spring.  High-traffic driving lanes are swept once per month from May to September.	Same as typical except high traffic driving lanes are swept once every 2 months from May to September.	Typical
	Expressway Sweep	Once per year beginning in May and estimated to finish at the end of June.	Typical	Typical
	Residential Sweep	Curb-to-curb sweeping of residential streets.	Not a curb-to-curb sweep. Sweepers drive around parked vehicles.  No sweeping of residential streets.	Same as typical service level with the following exceptions:

		<p>Parking restrictions with the use of sandwich boards, enforcement with ticketing and towing non-compliant vehicles.</p> <p>Completion of one sweep of all residential streets by the end of June.  <b>Note:</b> Even with no COVID-19 concerns, this year this would be extended to mid-July because of late snow events and start to spring.</p>	<p>Reduced sweeping scope includes priority streets (expressways, arterials and collectors), one block off of priority streets on side streets, priority streets in industrial areas, and flood prone areas.</p> <p>Communication to residents and businesses to request removal of vehicles from the street with message boards, social media, door hangers, and radio</p>	<p>Completion late July due to late start and some possible productivity impacts with implementation of COVID-19 work safety plans.</p> <p>Parking restrictions with the use of sandwich boards, with vehicle relocating of non-compliant vehicles, but no ticketing will be enforced. Allows for full curb to curb sweep.</p>
	Business Improvement District Sweep	Clean-up in high density business areas once a month.	Clean-up in high density business areas every two months.	Typical
Dust Palliation	N/A	<p>Strategic application of dust suppressant on high traffic gravel roads, two full applications per summer season.</p> <p>Four full applications of dust suppressant along Beef Research Road planned for 2020.</p>	Same as typical except for three full applications of dust suppressant on Beef Research Road instead of four.	Typical

## CURRENT STATUS

Typically, starting in late March through April, the Roadways, Fleet & Support Division hires seasonal staff to help deliver summer maintenance programs including street cleaning and sweeping. Considering restrictions introduced in the middle of March by the federal and provincial governments, and at that time a lack of finalized COVID-19 work safety plans, procedures, and required personal protective equipment, seasonal hiring has been delayed.

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## **DISCUSSION/ANALYSIS**

Street Cleaning and Sweeping service level options include the following considerations:

- Required physical distancing for staff and general public safety during COVID-19 pandemic:
  - To reduce the risk of COVID-19 spread, allow for developing of work safety plans to accommodate physical distancing at work and procure the required personal protective equipment, seasonal hiring was delayed.
  - To meet and maintain physical distancing requirements, staff occupancy is reduced to one occupant per vehicle.
- More vehicles on residential streets:
  - To accommodate residents self-isolating in their homes, the City will relocate vehicles to allow for a curb-to-curb sweep but will not issue tickets to non-compliant vehicles.
- Delayed spring start:
  - Late start of the program in April due to snowfall and unseasonably cold temperatures.
  - The late start will result in delayed completion regardless of the option selected and staffing level.
- Although all attempts will be made to maximize productivity, some level of reduced productivity is expected due to:
  - Implementation of COVID-19 work safety plans and operational processes and procedures to meet the requirements for providing a safe work environment under the provincial and federal orders including:
    - Completion of daily fit-for-duty assessments.
    - Enhanced cleaning protocols for equipment and vehicles.
    - Requirement for physical distancing.
    - Use of multiple vehicles to minimize close physical contact.
- Progress of street sweeping is dependent on weather. Unfavorable weather may extend estimated completion timelines.
- Disadvantages of reduced service levels:
  - Less debris removed due to:
    - Not sweeping residential streets and sweeping around parked vehicles (A – Reduced Service Level).
    - This may result in air quality concerns, damage to storm water system from debris, and loss of surface traction on streets. It will also increase the cost for street sweeping in 2021.

## **RECOMMENDATION**

Continue with the delivery of the “Near Typical” 2020 Street Cleaning and Sweeping programs option as described in this report.