



THE CORPORATION OF THE TOWN OF AMHERSTBURG

OFFICE OF ENGINEERING AND PUBLIC WORKS

MISSION STATEMENT: *Committed to delivering cost-effective and efficient services for the residents of the Town of Amherstburg with a view to improve and enhance their quality of life.*

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To: Mayor and Members of Town Council

Subject: Street Sweeper Operations

1. **RECOMMENDATION:**

It is recommended that:

1. The report from the Manager of Roads and Fleet dated January 9, 2020 regarding the Street Sweeper Operations **BE RECEIVED for information.**

2. **BACKGROUND:**

On May 8, 2017, Council requested that Administration bring back a report on street sweeper operations. An information report was provided to Council on August 21, 2017. On November 25, 2019, Council requested that another report be brought to Council regarding the street sweeper schedule.

3. **DISCUSSION:**

The Town's street sweeper is a 2009 Elgin Sweeper with a rear vacuum and high pressure lance.

The sweeper operates on a four-week rotation. Streets in the Town core are completed every week. This includes main streets such as Sandwich Street (from Lowes Side Road to Alma Street), Dalhousie Street (from Pickering Drive to North Street), North Street (from Dalhousie Street to Laird Avenue), Laird Avenue (from North Street to the end of Laird Avenue), Alma Street (from the river to Sandwich Street) and Richmond Street (from Sandwich Street to Dalhousie Street).

Side streets in the main core of Town are also done on a weekly basis. These side streets include Park Street, Gore Street, Murray Street, Ramsay Street, Bathurst Street, Rankin Street, Maple Street, Elm Street, Seymour Street, King Street, George Street, Brock Street, Kempt Street, Wolfe Street, Pickering Drive, Dalhousie Street (from Pickering to Cty Road 20), Simcoe Street (from Sandwich to Bathurst), Fort Street, Balaclava Street, Victoria Street, Alma Street (from Sandwich to Renaud), St. Arnaud Street, Sandwich St N (from Alma to North Sideroad) and the Libro Centre (Access Rd and Round About).

All other subdivision roads are completed once every 4 weeks. Attached to this report are schedules which outline the 4 week rotation of the sweeper operations. The table below highlights the length of road covered by the sweeper each week:

Schedule	Roads	Lane/Curb (km)
Week 1	Main Streets Side Streets Fraserville Crownridge Sub McCurdy Sub Bastien	105.8
Week 2	Main Streets Side Streets Monopoly Sub	107.15
Week 3	Main Streets Side Streets River Canard Sub Edgewater Sub Golfview Sub Pointe West Sub	101.68
Week 4	Main Streets Side Streets Kingsbridge North Kingsbridge South Amherst Point Bar Point McGregor Malden Centre	98.58
Total Lane km		413.21

The lane kilometres are based on the street sweeper completing both sides of the road. This does not include travel time required to dump the debris collected from the sweeper or refilling the sweeper with water throughout the day. The operator loads water at the Public Works yard on Sandwich Street and dumps the debris at the 99 Thomas Road yard. On a typical day, the sweeper requires 2 trips to dump debris and 3 trips to fill up with water. The sweeper requires more trips to be dumped during certain times of the year (i.e. leaves during the fall). There is an increased need for sweeping operations prior to and after Town events in the downtown core and during summer months when fish flies are present.

The Engineering and Public Works department also utilizes the rear vacuum and high pressure lance of the sweeper for the cleaning of catch basins, cutting holes for sign installations, locating utilities, hydro excavations and water valve maintenance.

4. RISK ANALYSIS:

Street sweeping operations is a vital service for a municipality. Without this service the garbage and debris would collect along the roadways and gutters which could not only cause an unsightly aesthetic issue for the Town but could also cause localized flooding concerns as a result of the garbage and debris covering up the catch basins. Localized flooding of the roads could result in traffic delays and potential traffic accidents. In addition, street sweeping increases the curb appeal of a municipality. The presence of garbage and debris in the Town's roadways could result in reduced visitors to the Town and a reduction in commerce for the Town.

5. FINANCIAL MATTERS:

There are no direct financial matters identified in this report. However it should be noted that the 2009 Elgin Sweeper with a rear vacuum and high pressure lance was purchased at a cost of \$216,000 and future replacement of the asset will be required through lifecycle funding recommended in the Asset Management Plan under a future capital budget.

6. CONSULTATIONS:

None.

7. CONCLUSION:

The street sweeper operations schedule is provided for Council's information



Eric Chamberlain
Manager of Roads and Fleet

Report Approval Details

Document Title:	Street Sweeper Operations 2020.docx
Attachments:	- Street Sweeper Operations Schedule - 2020.pdf
Final Approval Date:	Jan 21, 2020

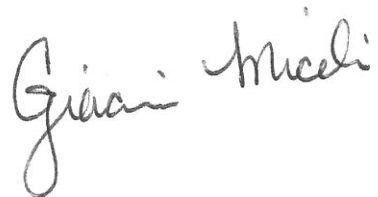
This report and all of its attachments were approved and signed as outlined below:



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