



Office of the Commissioner
Transportation Services

Memorandum

To: Regional Council

From: Paul Jankowski
Commissioner, Transportation Services

Date: November 16, 2017

Re: **Additional Information from November 2, 2017 Committee of the Whole, Report E.2.4, Contract Renewal for Waste and Recycling at York Region Transit Facilities**

This memo provides additional information on the November 2, 2017 Committee of the Whole Report E.2.4: Contract for Waste and Recycling at York Region Transit Facilities. More information was requested under Section 4, Analysis and Implications, regarding the number of waste and recycle collections at transit terminals; as well as information on the amount of waste and recycling tonnes collected, waste diversion rates and communications to citizens on the correct sorting of waste material.

The number of estimated collections in the current contract term, from March 2013 to March 2018, is 403,000. The estimated number of collections in the second contract term, from March 2018 to March 2023, is 683,800; an increase of 41 per cent. Please note that in the original November 2017 Committee of the Whole Report, the 275,000 collections noted from March 2013 to March 2018, were the four-year total only.

The growth in annual collections is due primarily to an increase in the number of waste and recycling units being installed as part of new transit infrastructure being built through partnerships with Metrolinx, the Toronto Transit Commission and York Region Rapid Transit Corporation. In addition, staff will be expanding the number of waste and recycling units at bus stops and terminals as per the Council approved *Coordinated Street Furniture Program* report of [October 20, 2011](#) and the *Waste-Recycling Receptacle Program* report of [October 24, 2011](#).

Tables 1 and 2 both show the estimated increase in annual collections per contact year, and the expansion of on-street waste and recycling units. Both tables also outline the associated projects.

Table 1
Years 2013 to 2017
Growth and Number of Annual Collections

Contract Year	Project	Increase in annual collections	Increase in collections per week	Number of waste and recycling units
2013 - 2014	<ul style="list-style-type: none"> • Coordinated Street Furniture Program start-up • Replacement of original waste/recycling units 	50,000	962	480
Total		50,000	962	480
2014 - 2015	<ul style="list-style-type: none"> • Rapidway launched on Highway 7 in Richmond Hill and Markham west of Highway 404 • Coordinated Street Furniture Program 	3,000	57	40 additional units added
Total		53,000	1,019	520
2015 - 2016	<ul style="list-style-type: none"> • Rapidway launched on Highway 7 in Markham east of Highway 404 • Transit Terminal waste collections transferred to GFL • Coordinated Street Furniture Program 	23,000	442	80 additional units added
Total		76,000	1,461	600
2016 - 2017	<ul style="list-style-type: none"> • Rapidway launched on Davis Drive in Newmarket • Segment of rapidway opened at Keele and Creditstone • Coordinated Street Furniture Program 	23,000	386	100 additional units added
Total		96,000	1,846	700

Contract Year	Project	Increase in annual collections	Increase in collections per week	Number of waste and recycling units
2017 - 2018	<ul style="list-style-type: none"> Richmond Hill Centre Terminal vendor space Pioneer Bus Terminal Coordinated Street Furniture Program 	32,000	616	50 additional units added
Total		128,000	2,462	750
TOTAL		403,000	2,462	750

Table 2
Years 2018 to 2022
Growth and Estimated Number of Annual Collections

Extension Year	Project	Estimated increase in annual collections	Increase in collections per week	Number of Waste and recycling units
2018 - 2019	<ul style="list-style-type: none"> Vaughan Metropolitan Centre Bus Terminal and Rapidway Station Pioneer Village Bus Terminal Viva purple expansion Coordinated Street Furniture Program 	5,120	98	50 additional units added
Total		133,120	2,560	800
2019 - 2020	<ul style="list-style-type: none"> Cornell Bus Terminal to open Rapidway expansion on Yonge Street in Newmarket Coordinated Street Furniture Program 	2,600	50	50 additional units added
Total		135,720	2,610	850

Extension Year	Project	Estimated increase in annual collections	Increase in collections per week	Number of Waste and recycling units
2020 - 2021	<ul style="list-style-type: none"> Vaughan Hospital Bus Terminal to open Rapidway on Yonge Street in Richmond Hill Expansion of Viva orange Coordinated Street Furniture Program 	1,300	25	25 additional units added
Total		137,020	2,635	875
2021 -2022	<ul style="list-style-type: none"> Coordinated Street Furniture Program 	1,300	25	25 additional units added
Total		138,320	2,660	900
2022 - 2023	<ul style="list-style-type: none"> Expansion of Viva silver and Viva green Coordinated Street Furniture Program 	1,300	25	25 additional units added
Total		139,620	2,685	925
TOTAL		683,800	2,685	925

Staff evaluates possible new locations to determine the need for waste and recycling units and the required level of service. This evaluation includes a review of daily ridership and a physical inspection of the area. Waste and recycling volumes can be significantly impacted by retail establishments in close proximity to the transit facility. On-street units are installed within Regional and local municipal road allowances, providing all citizens with waste and recycling disposal options.

Tale 3 identifies the general level of service for waste and recycling collections at bus terminals, Viva curbside and rapidway stations and conventional bus stops. Staff is responsible for establishing collection frequencies that can be adjusted at any time throughout the term of the contract.

Table 3
Level of Service

Facility Type	Frequency of Collection
Bus terminals	Five to seven times per week
Viva curbside and rapidway stations	Three to five times per week
Conventional bus stops	One to five times per week

Waste units provided as part of the Coordinated Street Furniture Program have either two or three compartments. Two-compartment units have dedicated waste and recycling compartments and three-compartment units have an additional recycling compartment.

Based on YRT's 2017 data, the average monthly amount of waste and recycling material collected and delivered to the Region's waste recovery centre is 16 tonnes. On-street public recycling in bins tends to yield a significant amount of garbage mixed with recycling. The estimated waste diversion rate across the transit system is less than one per cent. However, the ongoing benefit of these bins is the containment of waste that would otherwise be scattered across the local community landscape.

YRT delivers periodic communications to educate citizens on how to sort their waste in the bins provided along with clear labeling on the bins. Transit staff will work with Environmental Services staff to look for new opportunities to further educate citizens on this process while using the YRT system.

Renewing the existing contract with GFL for Waste and Recycling at York Region Transit Facilities permits ongoing and consistent waste and recycling collection and manages the projected growth and service levels throughout the renewal term. The renewal includes flexibility to revise service levels based on the capital project schedule, operational needs and available budgets.

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