



Transit Commission

Tax Supported Programs



2019-194

Draft **BUDGET 2019**

Better roads and transit.
Safer communities.
More housing.

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Transportation Services Department

OC Transpo

2019 Service Area Summary

Description

The Transportation Services Department brings together all services related to the mobility of the City, integrating the planning, implementation, operations and delivery of all modes of transportation. Every service and project delivered by the department impacts how people commute – whether by train, bus, car, bicycle, walking or a combination of these – both now and in years to come.

The department operates the OC Transpo system to provide travel options that meet the needs and expectations of customers. All trains and buses are 100 per cent accessible. Both Ottawa and OC Transpo are undergoing a major transformation with the construction of O-Train Line 1, the Confederation Line, and many customer-facing and internal systems are undergoing significant changes to get ready for rail and the operation of a multimodal transit system. OC Transpo works to provide a safe, reliable, comfortable, courteous and affordable transit service for all, to build and retain an engaged workforce, and to meet the policy objectives set by Council and the Transit Commission, all within the established budget.

Programs/Services Offered

- OC Transpo bus system, including rapid, frequent, Connexion, local, school, shopper, and event routes
- O-Train Line 2, the Trillium Line, which runs from Bayview Station to Greenboro Station
- Para Transpo service for customers with disabilities

- Future O-Train Line 1, the Confederation Line, which will run between Tunney's Pasture Station and Blair Station

Many support services for OC Transpo operations are also delivered internally within the department, including:

- Operations control
- Customer service
- Maintenance of transit vehicles and facilities
- Employee management, training, and engagement
- Safety management
- Special Constable program and fare enforcement
- Service and system planning
- Technology implementation and support
- Community and stakeholder relations

City of Ottawa
Transportation Services Department
Transit Services - Operating Resource Requirement
In Thousands (\$000)

	2017	2018		2019	\$ Change over 2018 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Transit Operations	412,026	423,464	433,172	425,199	-7,973
Transit Customer Systems & Planning	24,591	30,747	30,781	35,928	5,147
Safety, Compliance, Training & Development	4,522	4,648	4,224	5,016	792
Business Support Services	2,978	3,829	4,867	4,084	-783
General Manager's Office	628	631	591	601	10
Non Departmental	106,353	123,006	126,037	140,120	14,083
Gross Expenditure	551,098	586,325	599,672	610,948	11,276
Recoveries & Allocations	-52,014	-50,899	-54,089	-36,097	17,992
Revenue	-221,846	-246,510	-260,609	-276,112	-15,503
Net Requirement	277,238	288,916	284,974	298,739	13,765
Expenditures by Type					
Salaries, Wages & Benefits	260,915	273,981	293,668	273,741	-19,927
Overtime	24,743	26,970	22,510	21,471	-1,039
Materials & Services	133,092	137,879	131,606	148,927	17,321
Transfers/Grants/Financial Charges	108,254	123,194	126,107	140,165	14,058
Fleet Services Branch Chargebacks	853	859	1,122	1,122	0
Program Facility Costs	20,401	20,661	22,582	23,445	863
Other Internal Costs	2,840	2,781	2,077	2,077	0
Gross Expenditures	551,098	586,325	599,672	610,948	11,276
Recoveries & Allocations	-52,014	-50,899	-54,089	-36,097	17,992
Net Expenditure	499,084	535,426	545,583	574,851	29,268
Revenues By Type					
Federal	0	0	0	0	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	-33,564	-53,608	-61,205	-75,338	-14,133
Fees and Services	-188,282	-192,902	-199,404	-200,774	-1,370
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-221,846	-246,510	-260,609	-276,112	-15,503
Net Requirement	277,238	288,916	284,974	298,739	13,765
Full Time Equivalents			3,039.30	2,931.30	-108.00

City of Ottawa
 Transportation Services Department
 Transit Services - User Fees

	Policy Fare Structure						
	Multiplier or Discount	Rounded up to nearest	2018 Rate \$	2019 Rate \$	% Change Over 2018	Effective Date	2019 Revenue (\$000)
OC Transpo - Customers' Fares							
Base fare recommended for approval	-	-	3.4248	3.5104	2.5%	1-Jul-2019	
Passes (set by policy from base fare)							
Adult monthly pass	34 x base	quarter	116.50	119.50	2.6%	1-Jul-2019	
Youth (6-19) monthly pass	23% discount	quarter	89.75	92.25	2.8%	1-Jul-2019	
Senior (65+) monthly pass	62% discount	quarter	44.50	45.50	2.2%	1-Jul-2019	
Community monthly pass	63% discount	quarter	43.25	44.25	2.3%	1-Jul-2019	
Access monthly pass	63% discount	quarter	43.25	44.25	2.3%	1-Jul-2019	
EquiPass monthly pass	50% discount	quarter	58.25	59.75	2.6%	1-Jul-2019	
DayPass [1]	3 x base	quarter	10.50	10.75	2.4%	1-Jul-2019	
DayPass3 [1]	7.5 x base	quarter	25.75	26.50	2.9%	1-Jul-2019	
DayPass5 [1]	12 x base	quarter	41.25	42.25	2.4%	1-Jul-2019	
DayPass7 [1]	14.25 x base	quarter	49.00	50.25	2.6%	1-Jul-2019	
Family Pass (weekends/holidays)	3 x base	quarter	10.50	10.75	2.4%	1-Jul-2019	
U-Pass (per semester)	fixed by contract		207.52	212.71	2.5%	1-Sep-2019	

City of Ottawa
 Transportation Services Department
 Transit Services - User Fees

		Policy Fare Structure					
	Multiplier or Discount	Rounded up to nearest	2018 Rate \$	2019 Rate \$	% Change Over 2018	Effective Date	2019 Revenue (\$000)
Single-ride fares [2] (set by policy from base fare)							
Adult single-ride fare (paid by e-purse/ParaPurse)	1 x base	nickel	3.45	3.55	2.9%	1-Jul-2019	
Adult single-ride fare (paid by cash/credit/debit)	+ 5 cents	nickel	3.50	3.60	2.9%	1-Jul-2019	
Senior (65+) single-ride fare (paid by e-purse/ParaPurse) [3]	25% discount	nickel	2.60	2.65	1.9%	1-Jul-2019	
Senior (65+) single-ride fare (paid by cash/credit/debit) [3]	+ 5 cents	nickel	2.65	2.70	1.9%	1-Jul-2019	
EquiPass single-ride fare (paid by e-purse/ParaPurse)	50% discount	nickel	1.75	1.80	2.9%	1-Jul-2019	
Child (6-12) single-ride fare (paid by e-purse/ParaPurse)	50% discount	nickel	1.75	1.80	2.9%	1-Jul-2019	
Child (6-12) single-ride fare (paid by cash/credit/debit)	+ 5 cents	nickel	1.80	1.85	2.8%	1-Jul-2019	
Child (0-5) single-ride fare [4]	100% discount	-	free	free	-	-	
Para Transpo discounted fare with Access Pass	33% discount	nickel	2.30	2.40	4.3%	1-Jul-2019	
Para Transpo rural fare	2.7 x base	quarter	9.25	9.50	2.7%	1-Jul-2019	

City of Ottawa
 Transportation Services Department
 Transit Services - User Fees

Policy Fare Structure							
	Multiplier or Discount	Rounded up to nearest	2018 Rate \$	2019 Rate \$	% Change Over 2018	Effective Date	2019 Revenue (\$000)
Total fare revenue							
Conventional service (bus and O-Train)	-	-	-		-		\$ 194,244
Para Transpo	-	-	-		-		\$ 2,072
Other fees recommended for approval							
Presto smartcard	-	quarter	6.00	6.00	-	1-Jul-2019	
Regular park and ride permit	-	quarter	25.75	26.50	2.9%	1-Jul-2019	
Gold Pass park and ride permit	-	quarter	58.50	60.00	2.6%	1-Jul-2019	
Charter bus - first hour	-	dollar	543.00	557.00	2.6%	1-Jul-2019	
Charter bus - each additional hour	-	quarter	271.50	278.50	2.6%	1-Jul-2019	

Notes:

- [1] Valid for unlimited travel for one (DayPass), three (DayPass3), five (DayPass5) and seven (DayPass7) days.
- [2] Single-ride fares may be purchased using cash, Presto or ParaPurse stored value, credit or debit cards, or vouchers issued to social service and non-profit organizations. Not all payment types can be accepted on board buses.
- [3] Seniors travel free on conventional transit services on Sundays and Wednesdays.
- [4] Children who travel frequently and cannot be carried through a fare gate by a parent/guardian may obtain a special smartcard.

City Of Ottawa
2019 Draft Capital Budget
Transit Commission
Capital Funding Summary
In Thousands (\$000's)

Project Description	Revenues	Capital Reserve Fund	Gas Tax	Development Charges	Debt Funding	Total
Transit Services						
Renewal of City Assets						
907300 2019 Trillium Line Structures	-	-	-	-	1,200	1,200
908506 2019 Transit Roads	-	10	110	-	40	160
908989 2019 Transit Structures	-	-	-	-	680	680
908990 Prince of Wales Bridge (Pier Work)	-	-	1,170	-	202	1,372
909087 LRT - 23 Readiness	-	2,300	-	-	-	2,300
909370 2019 Buildings-Transit Services	-	3,600	-	-	-	3,600
909389 2019 Transit STR Scoping Pre/Post Eng.	-	200	-	-	-	200
909391 2019 Trillium L STR Scoping Pre/Post Eng	-	150	-	-	-	150
909493 2019 Transit Park & Ride Renewal	-	700	-	-	-	700
909513 Train and Rail Lifecycle O-Train Line 1	-	-	-	-	320	320
909518 2019 Bus Refurbishment	-	22,350	-	-	-	22,350
909519 2019 Bus Replacement	-	100	30,900	-	24,235	55,235
909520 2019 Bus Stops and Shelters	-	-	-	-	900	900
909524 IT - Comm and Control Sys Onboard Vehicl	-	2,000	-	-	-	2,000
909527 Station Customer Improvements	-	1,600	-	-	-	1,600
909528 Renewal of Operational Assets	-	4,000	-	-	-	4,000
909530 Transit Accessibilty Improvements	-	600	-	-	-	600
909533 Transit Network Yearly Rehab	-	1,800	-	-	-	1,800
909534 Tran & Rail LC & Modifications	-	1,750	-	-	-	1,750
909535 Unplanned Infrastructure Response	-	1,000	-	-	-	1,000
909536 Operations Support Vehical Replacement	-	1,700	-	-	-	1,700
Renewal of City Assets Total	-	43,860	32,180	-	27,577	103,617
Growth						
906169 OLRT Transition	-	9,392	1,658	-	-	11,050
907002 Bus Growth	-	-	3,042	4,758	-	7,800
908703 Operations Support Vehicles - Growth	-	210	-	-	-	210
909532 Transit priority Road and Signal Project	-	-	-	2,856	1,344	4,200
Growth Total	-	9,602	4,700	7,614	1,344	23,260
Service Enhancement						

City Of Ottawa
2019 Draft Capital Budget
Transit Commission
Capital Funding Summary
In Thousands (\$000's)

Project Description	Revenues	Capital Reserve Fund	Gas Tax	Development Charges	Debt Funding	Total
909511 IT - Technology Systems - Security	-	2,950	-	-	-	2,950
909521 IT- Operations Management Systems	-	500	-	-	-	500
909522 IT - Customer Services Technology System	-	1,000	-	-	-	1,000
909523 IT - Fleet Maintenance Technology System	-	1,900	-	-	-	1,900
909525 IT - Scheduling and Control Systems	-	1,400	-	-	-	1,400
909529 IT - Fare Technology Systems	-	400	-	-	-	400
909531 IT - Technology Systems - Infr. LC	-	2,000	-	-	-	2,000
Service Enhancement Total	-	10,150	-	-	-	10,150
Transit Services Total	-	63,612	36,880	7,614	28,921	137,027
Total	-	63,612	36,880	7,614	28,921	137,027

City of Ottawa
 Transportation Services Department
 Transit Services - Operating Resource Requirement Analysis
 In Thousands (\$000)

	2018 Baseline			2019 Adjustments			2019	\$ Change over 2018 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	User Fees & Revenues	Estimate	
Expenditures by Program								
Transit Operations	423,464	433,172	-7,832	-3,536	3,395	0	425,199	-7,973
Transit Customer Systems & Planning	30,747	30,781	1,323	3,524	300	0	35,928	5,147
Safety, Compliance, Training & Development	4,648	4,224	97	550	145	0	5,016	792
Business Support Services	3,829	4,867	51	-834	0	0	4,084	-783
General Manager's Office	631	591	0	10	0	0	601	10
Non Departmental	123,006	126,037	14,058	25	0	0	140,120	14,083
Gross Expenditure	586,325	599,672	7,697	-261	3,840	0	610,948	11,276
Recoveries & Allocations	-50,899	-54,089	-2,364	20,356	0	0	-36,097	17,992
Revenue	-246,510	-260,609	-11,533	0	-1,695	-2,275	-276,112	-15,503
Net Requirement	288,916	284,974	-6,200	20,095	2,145	-2,275	298,739	13,765
Expenditures by Type								
Salaries, Wages & Benefits	273,981	293,668	-15,148	-7,689	2,910	0	273,741	-19,927
Overtime	26,970	22,510	0	-1,039	0	0	21,471	-1,039
Materials & Services	137,879	131,606	8,059	8,332	930	0	148,927	17,321
Transfers/Grants/Financial Charges	123,194	126,107	14,058	0	0	0	140,165	14,058
Fleet Services Branch chargebacks	859	1,122	0	0	0	0	1,122	0
Program Facility Costs	20,661	22,582	728	135	0	0	23,445	863
Other Internal Costs	2,781	2,077	0	0	0	0	2,077	0
Gross Expenditures	586,325	599,672	7,697	-261	3,840	0	610,948	11,276
Recoveries & Allocations	-50,899	-54,089	-2,364	20,356	0	0	-36,097	17,992
Net Expenditure	535,426	545,583	5,333	20,095	3,840	0	574,851	29,268
Percent of 2018 Net Expenditure Budget			1.0%	3.7%	0.7%	0.0%	5.4%	

City of Ottawa
 Transportation Services Department
 Transit Services - Operating Resource Requirement Analysis
 In Thousands (\$000)

	2018 Baseline			2019 Adjustments			2019	\$ Change over 2018 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	User Fees & Revenues	Estimate	
Revenues By Type								
Federal	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0
Own Funds	-53,608	-61,205	-14,133	0	0	0	-75,338	-14,133
Fees and Services	-192,902	-199,404	2,600	0	-1,695	-2,275	-200,774	-1,370
Fines	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total Revenue	-246,510	-260,609	-11,533	0	-1,695	-2,275	-276,112	-15,503
Percent of 2018 Revenue Budget			4.4%	0.0%	0.7%	0.9%	5.9%	
Net Requirement	288,916	284,974	-6,200	20,095	2,145	-2,275	298,739	13,765
Percent of 2018 Net Requirement Budget			-2.2%	7.1%	0.8%	-0.8%	4.8%	
Full Time Equivalents (FTE's)		3,039.30	-150.00	0.00	42.00	0.00	2,931.30	-108.00
Percent of 2018 FTE's			-4.9%	0.0%	1.4%	0.0%	-3.6%	

City of Ottawa
Transportation Services Department
Transit Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2018 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)		
	Expense	Revenue	Net
Maintenance payment savings due to delayed opening of O-Train Line 1.	5,337	0	5,337
Compensation savings due to vacancies (net saving after reallocation to augment Para Transpo contracted service).	1,805	0	1,805
Fuel price increases.	-1,700	0	-1,700
Insurance claims.	-1,439	0	-1,439
Fare revenue lower than expected, due to customers purchasing lower-priced fares.		-6,382	-6,382
Other variances (net).	-1,443	-120	-1,563
Lower debt costs offset by lower debt funding for Confederation Line project.	3,087	-3,087	0
Timelines for transition to O-Train Line 1 operations (moved from 2018 to 2019).	4,510	-4,510	0
Total Surplus / (Deficit)	10,157	-14,099	-3,942

2018 Baseline Adjustment / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2018 Changes	FTE Impact
Revenue shortfall resulting from lower average fares due to customers' fare choices.	0	4,100	4,100	0.00
Expenditure elimination and revenue increase used to fund the new costs associated with operating the O-Train Line 1.	-2,585	-1,575	-4,160	-189.00
Debt charges associated with the Confederation Line project.	14,058	-14,058	0	0.00
Increase in staff requirement for high capacity bus refurbishment and warranty maintenance.	2,190	0	2,190	39.00
Increase in warranty recovery for bus maintenance.	-1,155	0	-1,155	0.00
Increase in capital recovery for bus refurbishment.	-1,035	0	-1,035	0.00
Reversal of temporary staffing for customer outreach of the new EquiPass single-ride fare product.	-150	0	-150	0.00
Fuel, energy, and materials savings.	-5,990	0	-5,990	0.00
Total Adjustments to Base Budget	5,333	-11,533	-6,200	-150.00

City of Ottawa
Transportation Services Department
Transit Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2019 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2019 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2019 cost of living, increments and benefit adjustments.	7,690	0	7,690	0.00
Higher diesel fuel price per litre of \$1.03 in 2019 vs. \$0.88 in 2018.	6,675	0	6,675	0.00
Maintenance for fare control devices at O-Train Line 1 stations.	3,440	0	3,440	0.00
Presto fees.	1,295	0	1,295	0.00
Increase in expenditures for bus maintenance and facilities.	855	0	855	0.00
Maintenance costs for the train simulator.	120	0	120	0.00
Inflationary increase in funding for rural transportation provided by community support service agencies.	20	0	20	0.00
Capitalization of service hours for Line 1 construction detours.	-15,135	0	-15,135	0.00
Recovery of service hours for Line 1 construction detours.	15,135	0	15,135	0.00
Total Maintain Services	20,095	0	20,095	0.00
Growth				
Bus service increase.	3,395	-1,695	1,700	38.00
Increased staffing for Para Transpo customer support.	300	0	300	4.00
Increased staff training for multimodal operations.	145	0	145	0.00
Total Growth	3,840	-1,695	2,145	42.00
User Fees & Revenues				
Fare increase of 2.5% effective July 1, 2019.	0	-2,325	-2,325	0.00
Free Sunday service for Seniors effective July 1, 2019	0	50	50	0.00
See following user fee schedule for details on the specific rates.	0	0	0	0.00
Total User Fees & Revenues	0	-2,275	-2,275	0.00
Total Budget Changes	29,268	-15,503	13,765	-108.00

Capital Budget

City of Ottawa
 2019 Draft Capital Budget
 Transit Commission
 In Thousands (\$000)

Service Area: Transit Services											
Category	2019 Capital Budget	Revenues	Tax Supported/ Dedicated Reserves	Rate Supported Reserves	Develop. Charges	Gas Tax	Debt				
							Tax/ Dedicated	Rate	Develop. Charges	Gas Tax	Total Debt
Renewal of City Assets	103,617	0	43,860	0	0	32,180	27,577	0	0	0	27,577
Growth	23,260	0	9,602	0	7,614	4,700	1,344	0	0	0	1,344
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Service Enhancement	10,150	0	10,150	0	0	0	0	0	0	0	0
Total	137,027	0	63,612	0	7,614	36,880	28,921	0	0	0	28,921

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
 In Thousands (\$000)

Program Information		Financial Details					
Transit Rail Structures		Class of Estimate: C) Planning					
Dept: Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various				
<p>The Transit Rail Structures Program provides for condition assessments, rehabilitation, and reconstruction work undertaken on the Trillium Line structures (non rail / rail bed infrastructure). Forecasts are based on bulk allocations that will be detailed in future budget submissions following completion of a review.</p>		2019 Request	2,722	Projected Yearend Unspent Bal.		0	
		Revenues	0	Debt			
		Tax Supported/ Dedicated	150	Tax Supported/ Dedicated Debt			1,402
		Rate Supported	0	Rate Supported Debt			0
		Develop. Charges	0	Develop. Charges Debt			0
		Gas Tax	1,170	Gas Tax Debt			0
		Forecast	2019	2020	2021	2022	
		Authority	2,722	7,750	500	1,050	
		Spending Plan	1,440	4,720	3,292	2,570	
		FTE's	0	0	0	0	
Operating Impact	0	0	0	0			

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
 In Thousands (\$000)

Project(s) within a Program Information		Location/Description	\$000's
908990 Prince of Wales Bridge (Pier Work)		Class of Estimate: C) Planning	1,372
Category: Renewal of City Assets	Ward: 14, 15	Year of Completion: 2021	
<p>This project consists of pier work along Prince of Wales Bridge, over the Ottawa River, at Lemieux Island (structure numbers SN 011970 & 011971). Funding is required for the construction phase of a minor substructure rehabilitation, which is part of a preservation strategy in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study.</p>			

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
 In Thousands (\$000)

Project(s) within a Program Information			\$000's
909391	2019 Trillium L STR Scoping Pre/Post Eng.	Class of Estimate: C) Planning	150
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2021	
<p>Scope and design briefs are necessary to adequately define transit road conditions, coordinate requirements, and project limits, prior to initiating design stages. Post construction funding is required to address assessments and unplanned/unexpected adjustments, outside the original implementation funding envelopes.</p>			

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
 In Thousands (\$000)

Program Information		Financial Details				
Transit Roads & Structures (Non Rail)		Class of Estimate: C) Planning				
Dept: Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various			
<p>The Transit Roads & Structures Program provides for condition assessments, life-cycle renewals, and rehabilitation / reconstruction work undertaken on the City's existing roadways and structures dedicated to transit.</p> <p>The program is focused on:</p> <ul style="list-style-type: none"> • Roads and park & ride areas (renewal of roadways and parking dedicated to transit). • Transitway structures (renewal of bridges, culverts, retaining walls serving the dedicated transit network). • Project scoping and engineering. <p>Forecasts are based on bulk allocations that will be detailed in future budget submissions following completion of a review.</p>		2019 Request	1,740	Projected Yearend Unspent Bal.	0	
		Revenues	0	Debt		
		Tax Supported/ Dedicated	910	Tax Supported/ Dedicated Debt	720	
		Rate Supported	0	Rate Supported Debt	0	
		Develop. Charges	0	Develop. Charges Debt	0	
		Gas Tax	110	Gas Tax Debt	0	
		Forecast	2019	2020	2021	2022
		Authority	1,740	4,360	6,860	4,060
		Spending Plan	970	2,740	5,600	5,730
		FTE's	0	0	0	0
Operating Impact	0	0	0	0		

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
 In Thousands (\$000)

Project(s) within a Program Information			\$000's
909389	2019 Transit STR Scoping Pre/Post Eng.	Class of Estimate: C) Planning	200
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2021	
<p>Scope and design briefs for transitway structures are necessary to adequately define conditions, coordinate requirements, and explore renewal options prior to initiating design stages. Post construction funding is required to address assessments and unplanned/unexpected adjustments, outside the original implementation of funding envelopes.</p>			
909493	2019 Transit Park & Ride Renewal	Class of Estimate: C) Planning	700
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2021	
<p>This project is for the asphalt overlay and related costs of the Baseline Station Park and Ride lot.</p>			

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
 In Thousands (\$000)

Program Information			Financial Details																																														
Buildings-Transit			Class of Estimate: C) Planning																																														
Dept: Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets		Ward: Multiple		Year of Completion: Various																																												
<p>The Building and Park programs provide for life cycle renewal and replacement works to existing building and park assets. Detailed scope of work for specific projects extends to a wide assortment of work: roof replacement, building preservation, building mechanical and electrical systems, parks playgrounds and property elements, hard landscaping, arena and pool equipment and unplanned emergency work.</p> <p>Forecasts are based on bulk allocations that will be detailed in future budget submissions. Project cost group summaries are provided following this program summary.</p> <p>Annual programming provides allocations as required for each of the service areas as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Service Area</th> <th style="text-align: right;">Buildings</th> <th style="text-align: right;">Parks</th> </tr> </thead> <tbody> <tr><td>By-Law Services</td><td style="text-align: right;">155</td><td></td></tr> <tr><td>Child Care Services</td><td style="text-align: right;">370</td><td></td></tr> <tr><td>Cultural Services</td><td style="text-align: right;">905</td><td></td></tr> <tr><td>Fire Services</td><td style="text-align: right;">2,000</td><td></td></tr> <tr><td>General Government</td><td style="text-align: right;">6,125</td><td></td></tr> <tr><td>Public Library</td><td style="text-align: right;">810</td><td></td></tr> <tr><td>Long Term Care</td><td style="text-align: right;">645</td><td></td></tr> <tr><td>Parks & Recreation Facilities</td><td style="text-align: right;">14,659</td><td style="text-align: right;">5,000</td></tr> <tr><td>Roads Services</td><td style="text-align: right;">3,645</td><td></td></tr> <tr><td>Social Services</td><td style="text-align: right;">1,230</td><td></td></tr> <tr><td>Water Services</td><td style="text-align: right;">575</td><td></td></tr> <tr><td>Transit Services</td><td style="text-align: right;">3,600</td><td></td></tr> <tr> <td>TOTAL Authority Request</td> <td style="text-align: right;">34,719</td> <td style="text-align: right;">5,000</td> </tr> </tbody> </table>			Service Area	Buildings	Parks	By-Law Services	155		Child Care Services	370		Cultural Services	905		Fire Services	2,000		General Government	6,125		Public Library	810		Long Term Care	645		Parks & Recreation Facilities	14,659	5,000	Roads Services	3,645		Social Services	1,230		Water Services	575		Transit Services	3,600		TOTAL Authority Request	34,719	5,000	2019 Request	3,600	Projected Yearend Unspent Bal.		0
			Service Area	Buildings	Parks																																												
			By-Law Services	155																																													
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Transit Services	3,600																																																
TOTAL Authority Request	34,719	5,000																																															
Revenues	0	Debt																																															
Tax Supported/ Dedicated	3,600	Tax Supported/ Dedicated Debt			0																																												
Rate Supported	0	Rate Supported Debt			0																																												
Develop. Charges	0	Develop. Charges Debt			0																																												
Gas Tax	0	Gas Tax Debt			0																																												
Forecast	2019	2020	2021	2022																																													
Authority	3,600	3,600	3,600	3,600																																													
Spending Plan	1,800	2,880	3,600	4,320																																													
FTE's	0	0	0	0																																													
Operating Impact	0	0	0	0																																													

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Project Information		Location/Description	\$000's
909370 2019 Buildings-Transit Services		Class of Estimate: C) Planning	3,600
Category: Renewal of City Assets Ward: CW		Year of Completion: 2021	
<p>This program provides for life cycle renewal and replacement works to existing building assets and is a component of the corporate Buildings and Parks Program.</p>			
01	Trim Transitway Station	Type II Building Condition Audit	
07	Bus Storage - Pinecrest	Replace Rooftop HVAC Units - MUA-4 & MUA#31	
08	Baseline Transitway Station	Type II Building Condition Audit	
08	Eagleson Transitway Station: Park And Ride	Type II Building Condition Audit	
08	Iris Transitway Station	Type II Building Condition Audit	
09	Fallowfield Park And Ride: Via Rail Barrhaven	Type II Building Condition Audit	
09	Office And Garage - Merivale - OC Transpo	Replace Exterior Insulated Ductwork	
10	Walkley Light Rail Maintenance Shop	Type II Building Condition Audit	
12	Mackenzie King Transitway Station	Type II Building Condition Audit	
13	St Laurent Transitway Station	Platform Water Infiltration Repairs	
15	Dominion Transitway Station	Type II Building Condition Audit	
15	Tunneys Pasture Transitway Station	Type II Building Condition Audit	
17	Billings Bridge Transitway Station	Design - Main Switch Assembly	
17	Billings Bridge Transitway Station	Electrical Infrared Scan	
17	Billings Bridge Transitway Station	Repair North Shelter/Tower Electrical Room Roof Slab/Replace Expansion Joints	
17	Dow's Lake Tunnel Utility Station	Type II Building Condition Audit	
17	Lycee Claudel Transitway Station	Concrete Walls Repairs/ Electrical Room Deficiencies	
18	Administration Building - OC Transpo	Fire Pump Systems - Fire Pump Controller	
18	Administration Building - OC Transpo	Investigation and Remedial Work - Glazing/Sealed Panels/Bldg Env	
18	Industrial Bus Garage Facility- Dispatch Building	Type II Building Condition Audit	
18	Industrial Bus Garage Facility- Dispatch Building	Resurface Bus Parking Lot/Replace Unit Pavers	
18	North Garage And Office - Oc Transpo	Replace Insulated Metal Panels/Precast Wall Panels/Metal Siding/Caulking	
18	North Garage And Office - Oc Transpo	Rooftop HVAC Units - RTU (Pga60D1K3)/Parking Lot Resurfacing	
18	Pleasant Park Transitway Station	Concrete Knee Walls Repairs/Replace Concrete (Expansion Joint)/Caulking	
18	Riverside Hospital Transitway Station	Type II Building Condition Audit	
			0

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Project Information			Financial Details									
909087 Rail Operational Readiness			Class of Estimate: Not Applicable									
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023									
<p>The Rail Operational Readiness (ROR) program develops and implements strategic projects and activities that build on the Stage 1 operations for Line 1, the Confederation Line. Utilizing a structured project management approach, ROR develops and facilitates the implementation of business and service delivery models that ensure a seamless and positive end-to-end customer experience for O-Train extensions to the east, west and south of downtown.</p>			2019 Request		2,300		Projected Yearend Unspent Bal.		0			
			Revenues		0		Debt					
			Tax Supported/ Dedicated		2,300		Tax Supported/ Dedicated Debt		0			
			Rate Supported		0		Rate Supported Debt		0			
			Develop. Charges		0		Develop. Charges Debt		0			
			Gas Tax		0		Gas Tax Debt		0			
			Forecast		2019		2020		2021		2022	
			Authority		2,300		3,468		6,760		5,517	
			Spending Plan		2,300		3,468		6,760		5,517	
			FTE's		0		0		0		0	
Operating Impact		0		0		0		0				
909513 Train and Rail Lifecycle Payment (O-Train Line 1)			Class of Estimate: Not Applicable									
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2028									
<p>This program will provide lifecycle funding to maintain the O-Train Line 1, the Confederation Line, system in a state of good repair. Under the Project Agreement, monthly service payments will be made to Rideau Transit Group that will include the lifecycle requirements for renewal of vehicles, stations, rail infrastructure and systems, and Belfast Yard.</p>			2019 Request		320		Projected Yearend Unspent Bal.		0			
			Revenues		0		Debt					
			Tax Supported/ Dedicated		0		Tax Supported/ Dedicated Debt		320			
			Rate Supported		0		Rate Supported Debt		0			
			Develop. Charges		0		Develop. Charges Debt		0			
			Gas Tax		0		Gas Tax Debt		0			
			Forecast		2019		2020		2021		2022	
			Authority		320		422		375		903	
			Spending Plan		320		422		375		903	
			FTE's		0		0		0		0	
Operating Impact		0		0		0		0				

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Project Information			Financial Details						
909518 Bus Refurbishment 2019			Class of Estimate: Not Applicable						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2022						
<p>This project is for mid-life refurbishment for conventional service buses, to effectively manage each fleet type to their 15-year life expectancy. This project will fund repairs, modifications and refurbishments to ensure planned availability and reliability. With this work, buses will be maintained in good condition for a good customer experience through their entire 15-year life. The refurbishment project will also cover the replacement of engines, transmissions, other main components of a bus, repair buses that receive major damage, replace buses that are beyond repair and refurbishment facility and paint booth modifications.</p>			2019 Request		22,350		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		22,350		Tax Supported/ Dedicated Debt		0
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		22,350	39,449	32,344	32,361	
			Spending Plan		22,350	39,449	32,344	32,361	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				
909519 Bus Replacement 2019			Class of Estimate: Not Applicable						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2022						
<p>This project is for the replacement of buses that have reached the end of their operational life. It fulfils the OC Transpo long-range fleet plan and aligns with the transit long-range financial plan. This project will fund replacing 79 existing 40-foot buses with a new fleet of 40-foot buses. This project will also fund the difference in costs for the previously approved buses to be used for Stage 2 LRT detours.</p>			2019 Request		55,235		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		100		Tax Supported/ Dedicated Debt		24,235
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		30,900		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		55,235	41,769	50,024	0	
			Spending Plan		27,618	48,502	45,896	25,012	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				

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Project Information			Financial Details							
909520 Bus Stops and Shelters			Class of Estimate: Not Applicable							
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023							
<p>This project will make improvements to on-street transit facilities for the benefit of customers. Work conducted under this project will include new and improved bus pads, shelters, and other customer amenities, as well as other operational improvements.</p>			2019 Request		900	Projected Yearend Unspent Bal.		0		
			Revenues		0	Debt				
			Tax Supported/ Dedicated		0	Tax Supported/ Dedicated Debt				900
			Rate Supported		0	Rate Supported Debt				0
			Develop. Charges		0	Develop. Charges Debt				0
			Gas Tax		0	Gas Tax Debt				0
			Forecast		2019	2020	2021	2022		
			Authority		900	918	936	955		
			Spending Plan		900	918	936	955		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
909524 Communication and Control Systems Onboard Vehicles			Class of Estimate: Not Applicable							
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023							
<p>This program funds upgrades and maintenance of onboard technology systems, including customer-facing systems, radio hardware as well as systems for bus and train operations such as the next stop announcement system, passenger counting system, GPS system, fare collection systems, and onboard cameras.</p>			2019 Request		2,000	Projected Yearend Unspent Bal.		0		
			Revenues		0	Debt				
			Tax Supported/ Dedicated		2,000	Tax Supported/ Dedicated Debt				0
			Rate Supported		0	Rate Supported Debt				0
			Develop. Charges		0	Develop. Charges Debt				0
			Gas Tax		0	Gas Tax Debt				0
			Forecast		2019	2020	2021	2022		
			Authority		2,000	8,670	0	0		
			Spending Plan		2,000	8,670	0	0		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		

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Project Information			Financial Details								
909527 Station Customer Improvements			Class of Estimate: Not Applicable								
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023								
<p>This project is to make improvements to Transitway and O-Train stations and other facilities for the benefit of customers and operations. Work will include safety modifications, measures to improve efficiency or reliability, improvements to customer facilities and customer experience, and changes to comply with regulatory standards.</p>			2019 Request		1,600		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		1,600		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2019		2020		2021		2022
			Authority		1,600		2,907		6,235		1,698
			Spending Plan		1,600		2,907		6,235		1,698
			FTE's		0		0		0		0
			Operating Impact		0		0		0		0
			909528 Renewal of Operational Assets			Class of Estimate: Not Applicable					
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023								
<p>This project funds the planned preventative maintenance program and renewal of work areas and facilities, to prevent failure and to ensure continuous operations. This program also includes refurbishment and replacement of tools and equipment that have reached their expected end of life.</p>			2019 Request		4,000		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		4,000		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2019		2020		2021		2022
			Authority		4,000		3,060		3,120		3,183
			Spending Plan		4,000		3,060		3,120		3,183
			FTE's		0		0		0		0
			Operating Impact		0		0		0		0

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Project Information			Financial Details						
909530 Transit Accessibility Improvements			Class of Estimate: Not Applicable						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023						
<p>This project funds accessibility improvements at Transitway and O-Train stations and other facilities for all customers, including seniors and customers with disabilities.</p>			2019 Request		600		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		600		Tax Supported/ Dedicated Debt		0
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		600	510	520	530	
			Spending Plan		600	510	520	530	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
			909532 Transit Priority Road and Signal Projects			Class of Estimate: Not Applicable			
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2023						
<p>These projects include road changes and traffic engineering strategies that provide preferential treatment for buses on the City's road network, to improve the speed and reliability of transit service and to reduce operating costs. Locations for improvement are approved in the City's Transportation Master Plan or are selected based on operating experience. Examples of such projects include bus detection and communications at traffic signals, queue jump lanes, reserved bus lanes, and geometric modifications at bus stops and intersections.</p> <p>Subject to Council adoption of the 2019 draft budget, the authority for this project will be reduced by \$584,000 and the funding used to eliminate a portion of the PTIF project debt financing. This project will be further reduced by \$300,000 to offset the reconstruction of cycling facilities on Booth Street in the vicinity of Pimisi Station.</p>			2019 Request		4,200		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		0		Tax Supported/ Dedicated Debt		1,344
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		2,856		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		4,200	3,672	3,744	3,820	
			Spending Plan		4,200	3,672	3,744	3,820	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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Project Information			Financial Details						
909533 Transit Network Yearly Rehab			Class of Estimate: Not Applicable						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023						
<p>This project funds the ongoing rehabilitation of existing Transitway and O-Train stations and bus stops, including condition assessment and infrastructure rehabilitation, and to allow for the implementation of safety and security improvements for customers and staff.</p>			2019 Request		1,800		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		1,800		Tax Supported/ Dedicated Debt		0
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		1,800	1,836	1,872	1,910	
			Spending Plan		1,800	1,836	1,872	1,910	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
			909534 Train and Rail Lifecycle and Modifications			Class of Estimate: Not Applicable			
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023						
<p>This program is to maintain the O-Train Line 2, the Trillium Line, in a state of good repair and to implement modernization measures to improve service. The funding will implement required vehicle overhauls, reliability improvements, spare parts strategies, and modernization measures to keep the rolling stock in a state of good repair. The funding will also implement required infrastructure (track, signals, control systems) overhauls, reliability improvements, spare parts strategies, and modernization measures to keep the infrastructure in a state of good repair.</p>			2019 Request		1,750		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		1,750		Tax Supported/ Dedicated Debt		0
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		1,750	765	1,300	1,326	
			Spending Plan		1,750	765	1,300	1,326	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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Project Information			Financial Details								
909535 Unplanned Infrastructure Response			Class of Estimate: Not Applicable								
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023								
<p>This program funds responses to unplanned infrastructure-related issues at facilities and stations, to maintain an appropriate working environment for staff while providing safe transit facilities for customers.</p>			2019 Request		1,000		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		1,000		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2019		2020		2021		2022
			Authority		1,000		1,020		1,040		1,061
			Spending Plan		1,000		1,020		1,040		1,061
			FTE's		0		0		0		0
Operating Impact		0		0		0		0			
909536 Operations Support Vehicles - Replacement			Class of Estimate: Not Applicable								
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023								
<p>This project funds the lifecycle replacement of operational support vehicles, including those used for security, supervision, bus maintenance, winter maintenance, stores, and others. This project will fund approximately 25 operational support vehicles. The fleet is a mix of light and heavy vehicles with various lifecycles: 3 to 15 years or more. The reliability of the system is dependent in part on the timely renewal of the operational support fleet.</p>			2019 Request		1,700		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		1,700		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2019		2020		2021		2022
			Authority		1,700		1,836		1,872		1,910
			Spending Plan		1,700		1,836		1,872		1,910
			FTE's		0		0		0		0
Operating Impact		0		0		0		0			

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Project Information			Financial Details								
906169 OLRT Transition			Class of Estimate: Not Applicable								
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2018								
<p>This account is set up to fund the additional transit capital and operating costs that are being incurred during the construction period of the light rail line. Additional funding in 2019 will be used for continued detour costs. Funding will also be used for the Multimodal Transformation Program (MMTP), to finish the development and implementation of strategic projects and activities that transform OC Transpo and enable it to deliver a fully integrated multimodal transit service</p>			2019 Request		11,050		Projected Yearend Unspent Bal.		15,306		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		9,392		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		1,658		Gas Tax Debt		0		
			Forecast		2019		2020		2021		2022
			Authority		11,050		0		0		0
			Spending Plan		24,375		0		0		0
			FTE's		0		0		0		0
Operating Impact		0		0		0		0			
907002 Bus Growth			Class of Estimate: Not Applicable								
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2022								
<p>This project is for the purchase of 12 40-foot buses, up to 10 of which will be placed in service at a given time, to provide additional revenue service across the City starting in 2019/2020. These growth buses are in addition to the replacement program for 40-foot buses, which have begun and will take place over a 4-year period.</p>			2019 Request		7,800		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		0		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		4,758		Develop. Charges Debt		0		
			Gas Tax		3,042		Gas Tax Debt		0		
			Forecast		2019		2020		2021		2022
			Authority		7,800		0		0		0
			Spending Plan		3,900		3,900		0		0
			FTE's		0		0		0		0
Operating Impact		0		0		0		0			

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Project Information			Financial Details						
908703 Operations Support Vehicles - Growth			Class of Estimate: Not Applicable						
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2023						
<p>This project will fund additional operational support vehicles required for O-Train operations, bus operations and facilities management.</p>			2019 Request		210		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		210		Tax Supported/ Dedicated Debt		0
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		210	0	0	0	
			Spending Plan		210	0	0	0	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
			909511 Technology Systems - Security			Class of Estimate: Not Applicable			
Dept: Transportation Services Department	Category: Service Enhancement	Ward: CW	Year of Completion: 2023						
<p>This project funds the implementation of electronic locks to secure sensitive electronic cabinets, and will progressively replace the unsecured mechanical key, latch and padlock system at other locations. This project will also fund upgrades to the CCTV system, access control systems and security workstations platforms.</p>			2019 Request		2,950		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		2,950		Tax Supported/ Dedicated Debt		0
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			Forecast		2019	2020	2021	2022	
			Authority		2,950	0	0	1,273	
			Spending Plan		2,950	0	0	1,273	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
In Thousands (\$000)

Project Information			Financial Details							
909521 Operations Management Systems			Class of Estimate: Not Applicable							
Dept: Transportation Services Department	Category: Service Enhancement	Ward: CW	Year of Completion: 2023							
<p>This program funds maintenance, lifecycle replacement, and adaptations to core software, hardware and systems used to support all service areas such as control systems for Para Transpo and conventional bus operations, payroll and staff management, and other legacy software.</p>			2019 Request		500		Projected Yearend Unspent Bal.		0	
			Revenues		0		Debt			
			Tax Supported/ Dedicated		500		Tax Supported/ Dedicated Debt		0	
			Rate Supported		0		Rate Supported Debt		0	
			Develop. Charges		0		Develop. Charges Debt		0	
			Gas Tax		0		Gas Tax Debt		0	
			Forecast		2019	2020	2021	2022		
			Authority		500	204	5,200	7,692		
			Spending Plan		500	204	5,200	7,692		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
			909522 Customer Services Technology Systems			Class of Estimate: Not Applicable				
Dept: Transportation Services Department	Category: Service Enhancement	Ward: CW	Year of Completion: 2021							
<p>This program funds updates to customer-facing systems, which evolve as technology changes and as customers adapt to it. The interactive voice response (IVR) and customer relationship management (CRM) systems will be enhanced to allow further improvements in service to customers. Upgrades will be made to the web platform and to OCTV.</p>			2019 Request		1,000		Projected Yearend Unspent Bal.		0	
			Revenues		0		Debt			
			Tax Supported/ Dedicated		1,000		Tax Supported/ Dedicated Debt		0	
			Rate Supported		0		Rate Supported Debt		0	
			Develop. Charges		0		Develop. Charges Debt		0	
			Gas Tax		0		Gas Tax Debt		0	
			Forecast		2019	2020	2021	2022		
			Authority		1,000	1,326	260	265		
			Spending Plan		1,000	1,326	260	265		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		

City of Ottawa
2019 Draft Capital Budget
Service Area: Transit Services
In Thousands (\$000)

Project Information			Financial Details									
909523 Fleet Maintenance Technology Systems			Class of Estimate: Not Applicable									
Dept: Transportation Services Department	Category: Service Enhancement	Ward: CW	Year of Completion: 2023									
<p>This program funds needed improvements and replacements to existing operational applications that support Fleet and Facilities Maintenance. It includes the development of a replacement application for the existing yard and deployment management system to ensure the efficient and proper placement of buses for deployment, defect management, repairs and fueling.</p>			2019 Request		1,900		Projected Yearend Unspent Bal.		0			
			Revenues		0		Debt					
			Tax Supported/ Dedicated		1,900		Tax Supported/ Dedicated Debt		0			
			Rate Supported		0		Rate Supported Debt		0			
			Develop. Charges		0		Develop. Charges Debt		0			
			Gas Tax		0		Gas Tax Debt		0			
			Forecast		2019		2020		2021		2022	
			Authority		1,900		0		416		0	
			Spending Plan		1,900		0		416		0	
			FTE's		0		0		0		0	
			Operating Impact		0		0		0		0	
			909525 Scheduling and Control Systems			Class of Estimate: Not Applicable						
Dept: Transportation Services Department	Category: Service Enhancement	Ward: CW	Year of Completion: 2023									
<p>This program funds operational improvements and software enhancements of the computer-aided dispatch control system for bus operations and the suite of software used to plan and schedule bus and train operations and staff work schedules.</p>			2019 Request		1,400		Projected Yearend Unspent Bal.		0			
			Revenues		0		Debt					
			Tax Supported/ Dedicated		1,400		Tax Supported/ Dedicated Debt		0			
			Rate Supported		0		Rate Supported Debt		0			
			Develop. Charges		0		Develop. Charges Debt		0			
			Gas Tax		0		Gas Tax Debt		0			
			Forecast		2019		2020		2021		2022	
			Authority		1,400		306		260		1,592	
			Spending Plan		1,400		306		260		1,592	
			FTE's		0		0		0		0	
			Operating Impact		0		0		0		0	

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Service Area: Transit Services
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Project Information			Financial Details							
909529 Fare Technology Systems			Class of Estimate: Not Applicable							
Dept: Transportation Services Department	Category: Service Enhancement	Ward: CW	Year of Completion: 2023							
<p>This program funds required changes to fare and ticketing systems. It includes upgrades to ensure compatibility of all smartcard products. It also includes the required maintenance, replacement and upgrades of fare equipment, including readers and devices.</p>			2019 Request		400		Projected Yearend Unspent Bal.		0	
			Revenues		0		Debt			
			Tax Supported/ Dedicated		400		Tax Supported/ Dedicated Debt		0	
			Rate Supported		0		Rate Supported Debt		0	
			Develop. Charges		0		Develop. Charges Debt		0	
			Gas Tax		0		Gas Tax Debt		0	
			Forecast		2019	2020	2021	2022		
			Authority		400	0	0	530		
			Spending Plan		400	0	0	530		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
			909531 Technology Systems - Infrastructure Lifecycle			Class of Estimate: Not Applicable				
			Dept: Transportation Services Department	Category: Service Enhancement	Ward: CW	Year of Completion: 2023				
<p>This program funds technology infrastructure replacement as part of normal lifecycle. Infrastructure must be replaced in order to support reliable delivery of service, customer information and safety.</p>			2019 Request		2,000		Projected Yearend Unspent Bal.		0	
			Revenues		0		Debt			
			Tax Supported/ Dedicated		2,000		Tax Supported/ Dedicated Debt		0	
			Rate Supported		0		Rate Supported Debt		0	
			Develop. Charges		0		Develop. Charges Debt		0	
			Gas Tax		0		Gas Tax Debt		0	
			Forecast		2019	2020	2021	2022		
			Authority		2,000	0	0	2,122		
			Spending Plan		2,000	0	0	2,122		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		

City of Ottawa
2019 Draft Capital Budget
Transit Commission
Capital Forecast Summary
In Thousands (000's)

Project Description	2019	2020	2021	2022	Total
Transit Services					
Growth					
906169 OLRT Transition	11,050	-	-	-	11,050
907002 Bus Growth	7,800	-	-	-	7,800
908703 Operations Support Vehicles - Growth	210	-	-	-	210
909532 Transit priority Road and Signal Project	4,200	3,672	3,744	3,820	15,436
Growth Total	23,260	3,672	3,744	3,820	34,496
Renewal of City Assets					
907300 2019 Trillium Line Structures	1,200	7,600	350	900	10,050
908506 2019 Transit Roads	160	2,000	3,410	1,860	7,430
908989 2019 Transit Structures	680	2,160	2,250	1,000	6,090
908990 Prince of Wales Bridge (Pier Work)	1,372	-	-	-	1,372
909087 LRT - 23 Readiness	2,300	3,468	6,760	5,517	18,045
909089 LRT Detour hours funding for Stage 2 LRT	-	30,600	-	-	30,600
909090 LRT Fare Gates for Stage 2 LRT	-	-	34,320	-	34,320
909100 Bus Replacement Para	-	-	-	13,793	13,793
909370 2019 Buildings-Transit Services	3,600	3,600	3,600	3,600	14,400
909389 2019 Transit STR Scoping Pre/Post Eng.	200	200	200	200	800
909390 Transit Structures - Drainage	-	-	250	250	500
909391 2019 Trillium L STR Scoping Pre/Post Eng	150	150	150	150	600
909493 2019 Transit Park & Ride Renewal	700	-	750	750	2,200
909513 Train and Rail Lifecycle O-Train Line 1	320	422	375	903	2,020
909518 2019 Bus Refurbishment	22,350	39,449	32,344	32,361	126,504
909519 2019 Bus Replacement	55,235	41,769	50,024	-	147,028
909520 2019 Bus Stops and Shelters	900	918	936	955	3,709
909524 IT - Comm and Control Sys Onboard Vehicl	2,000	8,670	-	-	10,670
909527 Station Customer Improvements	1,600	2,907	6,235	1,698	12,440
909528 Renewal of Operational Assets	4,000	3,060	3,120	3,183	13,363
909530 Transit Accessibility Improvements	600	510	520	530	2,160
909533 Transit Network Yearly Rehab	1,800	1,836	1,872	1,910	7,418
909534 Tran & Rail LC & Modifications	1,750	765	1,300	1,326	5,141
909535 Unplanned Infrastructure Response	1,000	1,020	1,040	1,061	4,121

City of Ottawa
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Transit Commission
Capital Forecast Summary
In Thousands (000's)

Project Description	2019	2020	2021	2022	Total
909536 Operations Support Vehical Replacement	1,700	1,836	1,872	1,910	7,318
Renewal of City Assets Total	103,617	152,940	151,678	73,857	482,092
Service Enhancement					
909511 IT - Technology Systems - Security	2,950	-	-	1,273	4,223
909521 IT- Operations Management Systems	500	204	5,200	7,692	13,596
909522 IT - Customer Services Technology System	1,000	1,326	260	265	2,851
909523 IT - Fleet Maintenance Technology System	1,900	-	416	-	2,316
909525 IT - Scheduling and Control Systems	1,400	306	260	1,592	3,558
909526 IT - Technology Systems " Para Transpo	-	-	1,040	-	1,040
909529 IT - Fare Technology Systems	400	-	-	530	930
909531 IT - Technology Systems - Infr. LC	2,000	-	-	2,122	4,122
Service Enhancement Total	10,150	1,836	7,176	13,474	32,636
Transit Services Total	137,027	158,448	162,598	91,151	549,224
Grand Total	137,027	158,448	162,598	91,151	549,224

**City of Ottawa
Transit Commission
Capital Works-In-Progress**

Project Description	Total Authority	Total Expenditures as of September 30th, 2018	Unspent Cash Balance as of September 30th, 2018	Total Contractual Obligations	Unspent/ Uncommitted Balance as of September 30th, 2018
Transit Services					
Renewal of City Assets					
900300 IT Smartcard	34,124,000	35,027,035	(903,035)	346,300	(1,249,335)
904610 IT Bus Radio System	13,589,461	13,207,186	382,275	-	382,275
905174 Transit Security Platform	3,722,000	3,037,554	684,446	490,872	193,574
905203 IT 2009 Transit Vehicle Info Sys	6,855,000	6,322,331	532,669	304,257	228,412
905503 2010 Train & Rail Lifecycle - O Train	3,029,000	3,002,309	26,691	13,164	13,527
905542 Bridge Mgmt Applic (SIMS repl)	2,630,100	2,580,249	49,851	29,970	19,882
905979 Trillium Line Service Expansion	60,300,000	60,306,551	(6,551)	0	(6,551)
905980 Transit Brand Renewal	1,250,000	1,246,579	3,421	-	3,421
906432 Bus Equipment Replacement	1,430,000	1,027,132	402,868	127,051	275,817
906944 Environmental Improve - Reg. Compliance	1,600,000	582,185	1,017,815	604	1,017,211
906960 New Regulatory Safety Requirements	1,825,000	1,091,071	733,929	-	733,929
907297 Transitway Structures	3,725,000	2,409,009	1,315,991	2,176	1,313,814
907367 Rapid Transit Syst Customer Improv	1,300,000	1,143,679	156,321	1,201	155,120
907370 IT Transit Infrastructure Lifecycle	1,500,000	876,394	623,606	26,678	596,928
907372 Rail Radio Integration	4,621,828	2,217,623	2,404,205	137,108	2,267,097
907478 Tunney's Pasture Bus Staging Area	5,020,000	2,516,141	2,503,859	132,265	2,371,594
907819 Bus Stops & Shelters - 2015	815,000	565,492	249,508	48,000	201,508
907820 Rapid Transit System Customer Improvemen	2,570,000	1,783,195	786,805	176,176	610,629
907823 Transit Priority Road & Signal Projects	2,828,000	411,570	2,416,430	113,261	2,303,170
907826 Unplanned Infrastructure Response - 2015	1,000,000	881,692	118,308	25,892	92,416
907830 IT Security Platform	3,296,000	2,192,464	1,103,536	6,491	1,097,044
907831 Trillium Line & Rail Lifecycle - 2015	3,250,000	2,656,365	593,635	159,097	434,538
907832 Bus Refurbishment - 2015	19,752,000	17,610,603	2,141,397	55,748	2,085,649
907835 Vehicle Modifications	160,000	123,380	36,620	5,883	30,737
907881 2016 Buildings-Transit Services	3,600,000	2,346,381	1,253,619	288,561	965,058
908187 2016 Transitway Roads	2,000,000	1,221,389	778,611	218,163	560,448
908189 2016 Transitway Structures	3,935,000	940,299	2,994,701	676,545	2,318,156

**City of Ottawa
Transit Commission
Capital Works-In-Progress**

Project Description	Total Authority	Total Expenditures as of September 30th, 2018	Unspent Cash Balance as of September 30th, 2018	Total Contractual Obligations	Unspent/ Uncommitted Balance as of September 30th, 2018
908191 2016 Transit Structures - Drainage	400,000	353,648	46,352	19,320	27,032
908225 Bus Stops and Shelters - 2016	640,000	111,504	528,496	45,513	482,983
908226 Rapid Transit Syst Cust Improvemts -2016	1,250,000	329,666	920,334	7,428	912,905
908227 Renewal of Operational Assets - 2016	3,950,000	3,835,063	114,937	18,974	95,964
908228 Transit Priority Road & Signal Project	3,030,000	161,055	2,868,945	27,482	2,841,463
908229 Transitway Yearly Rehab - 2016	1,550,000	953,826	596,174	456,176	139,998
908230 Unplanned Infrastructure Response - 2016	250,000	162,615	87,385	18,778	68,607
908233 Trillium Line & Rail Lifecycle - 2016	1,800,000	1,473,326	326,674	162,360	164,314
908234 Bus Refurbishment - 2016	9,327,000	1,284,510	8,042,490	7,689,122	353,368
908235 Non Revenue Vehicle Replacement - 2016	800,000	790,658	9,342	16,052	(6,710)
908236 Vehicle Modifications - 2016	750,000	363,833	386,167	-	386,167
908363 St Laurent Blvd Transit & Intersect Impr	6,266,287	4,931,918	1,334,369	575,530	758,839
908473 2017 Buildings-Transit Services	4,914,000	1,935,162	2,978,838	904,856	2,073,982
908502 2017 Transit Structures - Drainage	300,000	-	300,000	-	300,000
908503 2017 Transitway Roads	1,000,000	784,348	215,652	82,291	133,361
908504 2017 Transitway Structures	200,000	108,558	91,442	1,646	89,797
908505 2017 Transitway Structures-site specific	300,000	43,729	256,271	28,543	227,728
908507 2017 Twy Struc-Scoping Pre/Post Eng	200,000	-	200,000	87,674	112,326
908508 2017 Trillium Line Struc-Scoping Pre/Pos	150,000	-	150,000	150,000	-
908565 PTIF 004 Carleton Siding - Spring switch	2,500,000	2,500,008	(8)	-	(8)
908647 PTIF-Pinecrest Garage-sewer line replace	1,500,000	1,477,131	22,869	7,144	15,725
908648 PTIF 006 Customer waiting area Confed St	2,000,000	1,332,153	667,847	634,911	32,936
908649 PTIF-Advanced Renewal Proj-LRT Stage2-32	3,100,000	226,283	2,873,717	189,815	2,683,902
908651 PTIF 002 Transit Op Crew room Bayview	1,500,000	1,500,000	-	-	-
908652 PTIF-Park & Ride Lot Improvements (013)	1,000,000	377,562	622,438	-	622,438
908653 PTIF 003 Tunney's Pasture Bus Loop	3,000,000	2,984,198	15,802	15,594	208
908654 PTIF-Transitway Resurfacing (022)	3,170,000	2,283,930	886,070	19,428	866,642
908661 Rapid Transit Syst Cust Improvemts 2017	3,250,000	991,784	2,258,216	695,900	1,562,316
908662 Renewal of Operational Assets - 2017	4,000,000	2,711,135	1,288,865	411,452	877,414

**City of Ottawa
Transit Commission
Capital Works-In-Progress**

Project Description	Total Authority	Total Expenditures as of September 30th, 2018	Unspent Cash Balance as of September 30th, 2018	Total Contractual Obligations	Unspent/ Uncommitted Balance as of September 30th, 2018
908663 Station Accessibility Improvements	500,000	413,879	86,121	36,012	50,109
908664 Transitway Yearly Rehab - 2017	1,000,000	210,408	789,592	623,154	166,439
908682 PTIF-008 Elevator Tremblay Station	1,000,000	1,000,000	-	-	-
908695 Unplanned Infrastructure Response - 2017	250,000	96,888	153,112	47,912	105,200
908702 Trillium Line & Rail Lifecycle - 2017	6,400,000	1,895,420	4,504,580	2,618,435	1,886,144
908704 Non Revenue Vehicle Replacement - 2017	1,500,000	860,190	639,810	247,505	392,305
908750 Bus Replacement (34 buses)	28,000,000	6,019	27,993,981	1,228,589	26,765,392
908753 PTIF 014 Rural Bus Stop Improvements	400,000	372,683	27,317	22,419	4,898
908754 PTIF 015 Bus Shelters	750,000	745,521	4,479	14,028	(9,549)
908755 PTIF 016 Concrete Bus Pads	350,000	273,221	76,779	71,764	5,015
908756 PTIF 017 Emergency Phone Upgr at Twy Stn	2,000,000	81,415	1,918,585	226,662	1,691,923
908757 PTIF 020 Merivale Driver facil& Elevator	1,500,000	1,464,266	35,734	3,016	32,717
908758 PTIF 023 Fare Gate Entrances Transitway	1,750,000	1,126,580	623,420	173,117	450,302
908759 PTIF 024 Transit Operator room Hawthorne	400,000	-	400,000	-	400,000
908760 PTIF 034 Transit Priority Projects	8,700,000	602,638	8,097,362	1,700,040	6,397,321
908762 PTIF 019Smartbus Infrastructure on board	4,500,000	4,067,140	432,860	-	432,860
908764 PTIF 005 Walkley Interlock Refurb & Repl	11,000,000	7,672,090	3,327,910	1,262,733	2,065,177
908766 PTIF 035 Acquisition of (17) new buses	18,400,000	17,903,346	496,654	23,465	473,188
908930 2018 Buildings-Transit Services	3,600,000	303,951	3,296,049	755,161	2,540,889
908985 2018 Transitway Roads	2,000,000	74,270	1,925,730	1,684,307	241,423
908986 2018 Scoping Pre/Post Tway Struc.	100,000	38,966	61,034	31,149	29,885
908987 2018 Transitway Structures	1,100,000	50,590	1,049,410	563,526	485,884
908988 2018 Transit Structures - Drainage	380,000	-	380,000	-	380,000
908990 Prince of Wales Bridge (Pier Work)	510,000	18,605	491,395	-	491,395
908991 2018 Scoping Pre/Post Trillium Line Stru	150,000	-	150,000	60,165	89,835
909080 Bus Stops and Shelters	900,000	-	900,000	171,499	728,501
909081 Renewal of Operational Assets	4,000,000	433,301	3,566,699	1,219,702	2,346,996
909082 Transit Accessibility Improvements	500,000	124,449	375,551	-	375,551
909083 Transit Network Yearly Rehab	800,000	71,208	728,792	508	728,284

**City of Ottawa
Transit Commission
Capital Works-In-Progress**

Project Description	Total Authority	Total Expenditures as of September 30th, 2018	Unspent Cash Balance as of September 30th, 2018	Total Contractual Obligations	Unspent/ Uncommitted Balance as of September 30th, 2018
909084 Transit Priority Road & Signal Projects	8,900,000	176,811	8,723,189	53,333	8,669,856
909085 Transit System Customer Improvements	2,600,000	38,481	2,561,519	163,105	2,398,414
909086 Unplanned Infrastructure Response	750,000	2,845	747,155	-	747,155
909091 IT Onboard Technology Systems	2,700,000	485,415	2,214,585	429,896	1,784,688
909096 Train & Rail Lifecycle (Confederation)	300,000	-	300,000	-	300,000
909097 Train & Rail Lifecycle (Trillium Line)	5,000,000	65,646	4,934,354	244,875	4,689,480
909098 Bus Refurbishment	23,900,000	6,465,873	17,434,127	149,325	17,284,802
909099 Bus Replacement	50,400,000	-	50,400,000	48,460,213	1,939,787
909101 Operations Support Vehicles - Replacemen	1,600,000	-	1,600,000	300,766	1,299,234
909116 Reinstate roads post O-Train Confed Line	1,000,000	-	1,000,000	-	1,000,000
Renewal of City Assets Total	451,414,676	248,475,576	202,939,100	78,237,835	124,701,265
Growth					
904868 Transitway System Improvements	1,465,000	804,602	660,398	691,375	(30,977)
907373 Fare Control Syst Confed Line Stn	25,000,000	21,861,695	3,138,305	1,966,354	1,171,951
Growth Total	26,465,000	22,666,297	3,798,703	2,657,729	1,140,974
Service Enhancement					
905894 IT Operating & Control Centre Platform	2,556,000	2,171,251	384,749	246,750	137,999
906169 OLRT Transition	98,878,580	83,572,590	15,305,990	1,981,573	13,324,417
906433 IT Transit Customer Svce Platform	1,900,000	1,247,430	652,570	511,533	141,037
906518 IT Corporate Support Platform	1,480,000	1,203,175	276,825	4,070	272,755
906519 IT Business Intelligence Platform	380,000	199,158	180,842	177,086	3,756
906520 IT Scheduling Platform	2,950,000	2,654,358	295,642	299,755	(4,113)
906527 IT Maintenance Platform	2,516,000	1,570,980	945,020	-	945,020
906951 IT CAD AVL	2,000,000	1,371,493	628,507	621,854	6,652
906957 IT Transit Zone - Business Continuity	1,200,000	744,745	455,255	18,485	436,770
907828 IT Para Transpo Platform	990,000	598,407	391,593	79,259	312,333
907829 IT Scheduling Platform	1,200,000	641,498	558,502	474,815	83,687
908696 IT Corporate Support Platform - 2017	1,450,000	367,946	1,082,054	91,984	990,070
908698 IT Operations & Control Centre Platform	700,000	345,567	354,433	247,516	106,917

**City of Ottawa
Transit Commission
Capital Works-In-Progress**

Project Description	Total Authority	Total Expenditures as of September 30th, 2018	Unspent Cash Balance as of September 30th, 2018	Total Contractual Obligations	Unspent/ Uncommitted Balance as of September 30th, 2018
908699 IT Scheduling Platform	1,000,000	1,065,730	(65,730)	2,366	(68,096)
908700 Technology Systems - Infrast. Lifecycle	1,300,000	64,123	1,235,877	53,004	1,182,874
908761 PTIF 018 Passenger Information Display	2,000,000	2,000,610	(610)	906	(1,515)
908763 PTIF 025 Transport Demand Mgmt - detours	30,000,000	30,000,000	-	-	-
909092 IT Technology Systems - Customer Service	900,000	22,109	877,891	74,291	803,600
909093 IT Technology Systems - Operational Supp	400,000	-	400,000	-	400,000
909094 IT Technology Systems - Para Transpo	600,000	-	600,000	-	600,000
909095 IT Technology Systems - Schedule&Control	2,400,000	446,160	1,953,840	493,520	1,460,320
Service Enhancement Total	156,800,580	130,287,332	26,513,248	5,378,766	21,134,482
Transit Services Total	634,680,256	401,429,205	233,251,051	86,274,330	146,976,721
Grand Total	634,680,256	401,429,205	233,251,051	86,274,330	146,976,721