



# Draft **BUDGET** 2022

Pathway to recovery:  
Investing in our  
people and communities

**Transit Commission**

**Tabled November 3, 2021**





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## Transit Commission

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# **Transit Services Department**

## **2022 Service Area Summary - OC Transpo**

OC Transpo operates a transit network providing a variety of travel options that meet the needs of customers. All trains and buses are 100 per cent accessible. In 2019, Ottawa and OC Transpo underwent a major transformation with the opening of O-Train Line 1. The transformation to a multimodal transit system marked a significant change to the way OC Transpo provides service to customers, and the way customers use public transit. This new O-Train network continues to expand with Stage 2 extensions to the west, south, the international airport, and east. OC Transpo continually 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 and in accordance with all regulatory requirements.

During 2020 and 2021, OC Transpo adapted its services to meet the travel needs of the community during the Covid-19 pandemic. A number of direct-to-downtown services are currently suspended until on-site employment and ridership return closer to pre-pandemic levels. Funding has been provided by the federal and provincial governments to replace the fare revenue that has been lost because of low ridership levels during the pandemic.

### **Programs/Services Offered**

- OC Transpo bus system, including rapid, frequent, Connexion local, school, shopper, and event routes;
- O-Train Line 1, which runs between Tunney's Pasture Station and Blair Station;
- O-Train Line 2, which will run from Bayview Station to Limebank Station (currently temporarily closed for the construction of the expansion, and expected to reopen in 2022); and,
- Para Transpo service for customers unable to take conventional transit services.

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

- Operations control centre;
- Customer service and transit information and marketing;
- Maintenance of transit vehicles and facilities;
- Material handling and supply chain management;

- Capital Project Management;
- Integration of zero emission electric buses;
- Employee management, training, development, and engagement;
- Develops, implements, and oversees transit emergency plans;
- 9 Workplace Health and Safety Committees;
- 1 Policy Health and Safety Committee;
- Environmental program management;
- Investigates safety incidents, identifies corrective actions, and recommendations for implementation;
- Safety Coordinators act as Service Duty Officers and are on call 24/7;
- Regulatory Compliance (Federal, Provincial & Municipal);
- Regulatory filings and submissions to governing bodies;
- Implementation of a Safety Management System in accordance with industry best practices;
- Quality Control & Assurance;
- Conducting audits, internal assessments, document reviews, oversight and monitoring;
- Document Management Program;
- Training and Development for multi-modal, rail/bus and technical/maintenance employees;
- Bus and Rail Simulator for rail rules certifications, refreshers, re-certifications and re-training;
- Training Request for reassessment, skills building, Authority to Operate and in-service assessments;
- Special Constable program and fare enforcement;
- Service and system planning;
- Technology implementation and support; and,
- Community and stakeholder relations.

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

	2020	2021		2022	\$ Change over 2021 Budget
	Actual	Forecast	Budget	Estimate	
<b>Expenditures by Program</b>					
Transit Operations	417,660	400,316	415,279	426,730	11,451
Transit Customer Systems & Planning	36,416	38,573	40,375	45,124	4,749
Safety, Compliance, Training & Development	5,350	5,861	5,857	7,165	1,308
Business Support Services	4,141	3,526	3,600	3,690	90
General Manager's Office	835	756	795	807	12
Rail Operations	65,822	51,239	49,756	53,222	3,466
Non Departmental	169,142	169,434	169,429	191,044	21,615
<b>Gross Expenditure</b>	<b>699,366</b>	<b>669,705</b>	<b>685,091</b>	<b>727,782</b>	<b>42,691</b>
Recoveries & Allocations	-66,513	-23,127	-25,642	-32,516	-6,874
Revenue	-294,946	-278,212	-308,037	-322,944	-14,907
<b>Net Requirement</b>	<b>337,907</b>	<b>368,366</b>	<b>351,412</b>	<b>372,322</b>	<b>20,910</b>
<b>Expenditures by Type</b>					
Salaries, Wages & Benefits	302,856	296,536	308,981	317,046	8,065
Overtime	19,429	17,966	16,499	16,738	239
Materials & Services	161,486	155,625	159,932	169,199	9,267
Transfers/Grants/Financial Charges	169,190	169,501	169,496	191,111	21,615
Fleet Services Branch Chargebacks	887	1,112	1,112	1,112	0
Program Facility Costs	25,363	25,046	25,192	28,697	3,505
Other Internal Costs	20,155	3,919	3,879	3,879	0
<b>Gross Expenditures</b>	<b>699,366</b>	<b>669,705</b>	<b>685,091</b>	<b>727,782</b>	<b>42,691</b>
Recoveries & Allocations	-66,513	-23,127	-25,642	-32,516	-6,874
<b>Net Expenditure</b>	<b>632,853</b>	<b>646,578</b>	<b>659,449</b>	<b>695,266</b>	<b>35,817</b>
<b>Revenues By Type</b>					
Federal	0	0	0	0	0
Provincial	-108,281	-115,284	-72,800	-60,555	12,245
Own Funds	-77,865	-82,218	-82,218	-85,230	-3,012
Fees and Services	-108,800	-80,710	-153,019	-177,159	-24,140
Fines	0	0	0	0	0
Other	0	0	0	0	0
<b>Total Revenue</b>	<b>-294,946</b>	<b>-278,212</b>	<b>-308,037</b>	<b>-322,944</b>	<b>-14,907</b>
<b>Net Requirement</b>	<b>337,907</b>	<b>368,366</b>	<b>351,412</b>	<b>372,322</b>	<b>20,910</b>
<b>Full Time Equivalents</b>			<b>3,081.30</b>	<b>3,142.30</b>	<b>61.00</b>

City of Ottawa  
 Transportation Services Department  
 Transit Services - User Fees

	Policy Fare Structure		2021 Rate \$	2022 Rate \$	% Change Over 2021	Effective Date	2022 Revenue (\$000)
	Multiplier or Discount	Rounded up to nearest					
<b>OC Transpo - Customers' Fares</b>							
<b>Base fare recommended for approval</b>	-	-	3.5982	3.6882	2.5%	1-Jan-2022	
<b>Passes (set by policy from base fare)</b>							
Adult monthly pass	34 x base	quarter	122.50	125.50	2.4%	1-Jan-2022	
Youth (6-19) monthly pass	23% discount	quarter	94.50	96.75	2.4%	1-Jan-2022	
Senior (65+) monthly pass	62% discount	quarter	46.75	47.75	2.1%	1-Jan-2022	
Community monthly pass	65.5% discount	quarter	43.25	43.25	0.0%	1-Jan-2022	
Access monthly pass	65.5% discount	quarter	43.25	43.25	0.0%	1-Jan-2022	
EquiPass monthly pass	53.6% discount	quarter	58.25	58.25	0.0%	1-Jan-2022	
DayPass [1]	3 x base	quarter	11.00	11.25	2.3%	1-Jan-2022	
DayPass3 [1]	7.5 x base	quarter	27.00	27.75	2.8%	1-Jan-2022	
DayPass5 [1]	12 x base	quarter	43.25	44.50	2.9%	1-Jan-2022	
DayPass7 [1]	14.25 x base	quarter	51.50	52.75	2.4%	1-Jan-2022	
Family Pass (weekends/holidays)	3 x base	quarter	11.00	11.25	2.3%	1-Jan-2022	
U-Pass (per semester)	fixed by contract		218.03	223.48	2.5%	1-Sep-2022	



City of Ottawa  
 Transportation Services Department  
 Transit Services - User Fees

	Policy Fare Structure						
	Multiplier or Discount	Rounded up to nearest	2021 Rate \$	2022 Rate \$	% Change Over 2021	Effective Date	2022 Revenue (\$000)
<b>Single-ride fares [2]</b> (set by policy from base fare)							
Adult single-ride fare (paid by card) [3]	1 x base	nickel	3.60	3.70	2.8%	1-Jan-2022	
Adult single-ride fare (paid by cash)	+ 5 cents	nickel	3.65	3.75	2.7%	1-Jan-2022	
Senior (65+) single-ride fare (paid by card) [3] [4]	25% discount	nickel	2.70	2.80	3.7%	1-Jan-2022	
Senior (65+) single-ride fare (paid by cash) [3] [4]	+ 5 cents	nickel	2.75	2.85	3.6%	1-Jan-2022	
Community Pass single-ride fare (paid by e-purse/ParaPurse)	52.7% discount	nickel	1.75	1.75	0.0%	1-Jan-2022	
EquiPass single-ride fare (paid by e-purse/ParaPurse)	52.7% discount	nickel	1.75	1.75	0.0%	1-Jan-2022	
Child (6-12) single-ride fare (paid by card) [3]	50% discount	nickel	1.80	1.85	2.8%	1-Jan-2022	
Child (6-12) single-ride fare (paid by cash)	+ 5 cents	nickel	1.85	1.90	2.7%	1-Jan-2022	
Child (0-5) single-ride fare [5]	100% discount	-	free	free	-	1-Jan-2022	
Para Transpo discounted fare with Access Pass	33% discount	nickel	2.45	2.50	2.0%	1-Jan-2022	
Para Transpo rural fare	2.7 x base	quarter	9.75	10.00	2.6%	1-Jan-2022	



City of Ottawa  
 Transportation Services Department  
 Transit Services - User Fees

	Policy Fare Structure		2021 Rate \$	2022 Rate \$	% Change Over 2021	Effective Date	2022 Revenue (\$000)
	Multiplier or Discount	Rounded up to nearest					
<b>Total fare revenue</b>							
Conventional service (bus and O-Train)	-	-			-		\$ 166,276
Para Transpo	-	-			-		\$ 1,978
<b>Other fees recommended for approval</b>							
Presto smartcard	-	quarter	6.00	6.00	0.0%	1-Jan-2022	
Regular park and ride monthly permit [6]	-	quarter	27.25	28.00	2.8%	1-Jan-2022	
Gold Pass park and ride monthly permit [6]	-	quarter	61.50	63.25	2.8%	1-Jan-2022	
Bikesecure parking monthly permit [6]	-	quarter	10.00	10.00	N/A	1-Jan-2022	
Bikesecure parking key fob	-	quarter	6.00	6.00	N/A	1-Jan-2022	
Chartered bus – first three hours [8] [9]	-	dollar	-	600.00	-	1-Jan-2022	
Chartered bus – each additional hour [9]	-	dollar	285.50	200.00	-29.9%	1-Jan-2022	

**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 or at fare gates.

[3] These single-ride fares may be purchased using Presto e-purse, ParaPurse, credit or debit cards. Not all payment types can be accepted on board buses or at fare gates.

[4] For adult fares paid by credit card on buses and at fare gates, a daily maximum of the price of a DayPass applies.

[5] Seniors travel at no charge on conventional transit routes on Wednesdays and Sundays.

[6] Children who travel frequently and cannot be carried through a fare gate by a parent/guardian may obtain a special smartcard.

[7] Valid where designated parking available.

[8] Time calculated from when the bus leaves and returns to the garage.

[9] Contracted services for event transportation are charged at full cost-recovery based on costs calculated specific to the event.

City Of Ottawa  
2022 Draft Capital Budget  
Transit Commission  
Capital Funding Summary  
In Thousands \$(000's)

Project Description	Revenues	Gas Tax	Tax Supported/ Dedicated	Develop. Charges	Tax Supported/ Dedicated Debt	Gas Tax Debt	Grand Total
<b>Transit Services</b>							
<b>Renewal of City Assets</b>							
909087 Rail Operational Readiness	0	0	3,069	0	0	0	3,069
909089 LRT Detour hours funding for Stage 2	0	0	6,400	0	0	0	6,400
909390 Transit Structures - Drainage	0	0	200	0	0	0	200
910116 2021 Transit Structures	0	0	138	0	92	0	230
910160 Stage 2 Transition	0	0	17,400	0	0	0	17,400
910410 2022 Buildings-Transit Services	0	0	2,300	0	0	0	2,300
910464 2022 Transit Roads	0	1,310	0	0	1,310	0	2,620
910465 2022 Pavement Imp - Transit	0	0	107	0	107	0	213
910466 2022 Transit Park & Ride Renewal	0	270	0	0	30	0	300
910467 2022 Transit Structures	0	200	300	0	0	0	500
910468 2022 Bridge Preventative Maint TWY	0	0	320	0	0	0	320
910469 2022 Regulatory Struct Inspections TWY	0	0	150	0	0	0	150
910470 2022 Transit STR Scoping Pre/Post Eng.	0	0	50	0	0	0	50
910471 2022 Trillium Line Structures	0	0	600	0	400	0	1,000
910472 2022 Trillium L STR Scoping Pre/Post Eng	0	0	75	0	0	0	75
910612 Bus Refurbishment 2022	0	0	18,800	0	0	0	18,800
910613 Operations Support Vehicles - Repl 2022	0	1,775	0	0	0	0	1,775
910614 Renewal of Operational Assets 2022	0	1,380	2,300	0	920	0	4,600
910615 Transit Network Yearly Rehab 2022	0	0	1,260	0	140	0	1,400
910616 Bus Stops and Shelters 2022	0	0	1,000	0	0	0	1,000
910617 Station Customer Improvements 2022	0	3,870	860	0	3,870	0	8,600
910618 Transit Accessibility Improvements 2022	0	0	500	0	0	0	500
910619 Transit Priority Road & Signal Proj 2022	0	1,250	1,250	0	0	0	2,500
910620 Comm & Control Sys Onboard Vehicles 2022	0	0	1,400	0	1,400	0	2,800
910626 Bus Replacement 2022	0	21,014	0	0	0	34,001	55,015
910629 Unplanned Infrastructure Response 2022	0	0	1,000	0	0	0	1,000
910631 O-Train Station Names	0	0	2,000	0	0	0	2,000
910635 Contract Lifecycle Pmt (O-Train Line 1)	0	0	440	0	0	0	440
910636 Train and Rail Lifecycle & Modifications	0	709	1,000	0	570	0	2,279
<b>Renewal of City Assets Total</b>	<b>0</b>	<b>31,778</b>	<b>62,919</b>	<b>0</b>	<b>8,838</b>	<b>34,001</b>	<b>137,536</b>

City Of Ottawa  
 2022 Draft Capital Budget  
 Transit Commission  
 Capital Funding Summary  
 In Thousands \$(000's)

Project Description	Revenues	Gas Tax	Tax Supported/ Dedicated	Develop. Charges	Tax Supported/ Dedicated Debt	Gas Tax Debt	Grand Total
<b>Service Enhancements</b>							
910621 Customer Services Technology System 2022	0	0	150	0	100	0	250
910622 Fare Technology Systems 2022	0	0	1,500	0	1,500	0	3,000
910623 Operations Management Systems 2022	0	0	3,225	0	3,225	0	6,450
910624 Scheduling and Control Systems 2022	0	0	1,350	0	150	0	1,500
910625 Technology Systems - Security 2022	0	350	1,000	0	150	0	1,500
910630 Customer Service Program	0	0	9,900	0	1,100	0	11,000
910632 Post Covid Ridership Return Campaign	0	0	625	0	0	0	625
910633 O-Train Telecommunications Improvements	0	7,200	800	0	0	0	8,000
<b>Service Enhancements Total</b>	<b>0</b>	<b>7,550</b>	<b>18,550</b>	<b>0</b>	<b>6,225</b>	<b>0</b>	<b>32,325</b>
<b>Transit Services Total</b>	<b>0</b>	<b>39,328</b>	<b>81,469</b>	<b>0</b>	<b>15,063</b>	<b>34,001</b>	<b>169,861</b>
<b>Grand Total</b>	<b>0</b>	<b>39,328</b>	<b>81,469</b>	<b>0</b>	<b>15,063</b>	<b>34,001</b>	<b>169,861</b>

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

	2021 Baseline			2022 Adjustments				2022	\$ Change over 2021 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	COVID-19	User Fees & Revenues	Estimate	
<b>Expenditures by Program</b>									
Transit Operations	400,316	415,279	-19,481	19,347	0	11,585	0	426,730	11,451
Transit Customer Systems & Planning	38,573	40,375	8	4,741	0	0	0	45,124	4,749
Safety, Compliance, Training & Development	5,861	5,857	3	1,305	0	0	0	7,165	1,308
Business Support Services	3,526	3,600		90	0	0	0	3,690	90
General Manager's Office	756	795		12	0	0	0	807	12
Rail Operations	51,239	49,756	145	2,313	1,008	0	0	53,222	3,466
Non Departmental	169,434	169,429		21,615	0	0	0	191,044	21,615
<b>Gross Expenditure</b>	<b>669,705</b>	<b>685,091</b>	<b>-19,325</b>	<b>49,423</b>	<b>1,008</b>	<b>11,585</b>	<b>0</b>	<b>727,782</b>	<b>42,691</b>
Recoveries & Allocations	-23,127	-25,642	0	-6,874	0	0	0	-32,516	-6,874
Revenue	-278,212	-308,037	12,800	-10,702	0	-11,585	-5,420	-322,944	-14,907
<b>Net Requirement</b>	<b>368,366</b>	<b>351,412</b>	<b>-6,525</b>	<b>31,847</b>	<b>1,008</b>	<b>0</b>	<b>-5,420</b>	<b>372,322</b>	<b>20,910</b>
<b>Expenditures by Type</b>									
Salaries, Wages & Benefits	296,536	308,981	-10,193	13,958	500	3,800	0	317,046	8,065
Overtime	17,966	16,499	-304	543	0		0	16,738	239
Materials & Services	155,625	159,932	-8,828	9,802	508	7,785	0	169,199	9,267
Transfers/Grants/Financial Charges	169,501	169,496	0	21,615	0		0	191,111	21,615
Fleet Services Branch chargebacks	1,112	1,112	0		0	0	0	1,112	0
Program Facility Costs	25,046	25,192	0	3,505	0	0	0	28,697	3,505
Other Internal Costs	3,919	3,879	0	0	0	0	0	3,879	0
<b>Gross Expenditures</b>	<b>669,705</b>	<b>685,091</b>	<b>-19,325</b>	<b>49,423</b>	<b>1,008</b>	<b>11,585</b>	<b>0</b>	<b>727,782</b>	<b>42,691</b>
Recoveries & Allocations	-23,127	-25,642	0	-6,874	0	0	0	-32,516	-6,874
<b>Net Expenditure</b>	<b>646,578</b>	<b>659,449</b>	<b>-19,325</b>	<b>42,549</b>	<b>1,008</b>	<b>11,585</b>	<b>0</b>	<b>695,266</b>	<b>35,817</b>
<b>Percent of 2022 Net Expenditure Budget</b>			<b>-2.9%</b>	<b>6.5%</b>	<b>0.2%</b>	<b>1.8%</b>	<b>0.0%</b>	<b>5.4%</b>	

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

	2021 Baseline			2022 Adjustments				2022	\$ Change over 2021 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	COVID-19	User Fees & Revenues	Estimate	
<b>Revenues By Type</b>									
Federal	0	0	0	0	0	0	0	0	0
Provincial	-115,284	-72,800	72,800	0	0	-60,555	0	-60,555	12,245
Own Funds	-82,218	-82,218	0	-10,702	0	7,690		-85,230	-3,012
Fees and Services	-80,710	-153,019	-60,000	0	0	41,280	-5,420	-177,159	-24,140
Fines	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
<b>Total Revenue</b>	<b>-278,212</b>	<b>-308,037</b>	<b>12,800</b>	<b>-10,702</b>	<b>0</b>	<b>-11,585</b>	<b>-5,420</b>	<b>-322,944</b>	<b>-14,907</b>
<b>Percent of 2022 Revenue Budget</b>			<b>-4.2%</b>	<b>3.5%</b>	<b>0.0%</b>	<b>3.8%</b>	<b>1.8%</b>	<b>4.8%</b>	
<b>Net Requirement</b>	<b>368,366</b>	<b>351,412</b>	<b>-6,525</b>	<b>31,847</b>	<b>1,008</b>	<b>0</b>	<b>-5,420</b>	<b>372,322</b>	<b>20,910</b>
<b>Percent of 2022 Net Requirement Budget</b>			<b>-1.9%</b>	<b>9.1%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>-1.5%</b>	<b>6.0%</b>	
<b>Full Time Equivalentents (FTE's)</b>		3,081.30	13.00	6.00	4.00	38.00	0.00	<b>3,142.30</b>	<b>61.00</b>
<b>Percent of 2022 FTE's</b>			<b>0.4%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>1.2%</b>	<b>0.0%</b>	<b>2.0%</b>	

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

2021 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)		
	Expense	Revenue	Net
Non COVID-19 surplus due to lower compensation as a result of vacant positions, route cost savings and decrease in other revenues.	9,434	-130	9,304
COVID-19 cost savings due mainly to Para Transpo contracted services.	3,437		3,437
COVID-19 fare revenue reduction due to lower ridership and lower advertising revenue.	0	-72,179	-72,179
COVID-19 Safe Restart Agreement (SRA) funding that was received in 2021 was \$115.3M as compared to the \$72.8M budgeted which is to cover both COV-19 related lost revenue and costs.	0	42,484	42,484
<b>Total Surplus / (Deficit)</b>	<b>12,871</b>	<b>-29,825</b>	<b>-16,954</b>

2021 Baseline Adjustment / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2022 Changes	FTE Impact
	0	0	0	0.00
Removal of 2021 one-time COVID-19 funding.		72,800	72,800	
Removal of 2021 one-time COVID-19 expenditures/revenue loss.	-12,800	-60,000	-72,800	
Temporary Service Reduction.	-11,000	0	-11,000	-70.00
Increase in Workplace Safety and Insurance Board costs.	2,345	0	2,345	
Annualization of regulatory requirement for 30-minute paid break for operators after five consecutive hours of work.	2,130	0	2,130	83.00
<b>Total Adjustments to Base Budget</b>	<b>-19,325</b>	<b>12,800</b>	<b>-6,525</b>	<b>13.00</b>

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

2022 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2022 Changes	FTE Impact
<b>Maintain Services</b>				
All programs include an adjustment for potential 2022 cost of living, increments and benefit adjustments.	7,110	0	7,110	0.00
Increase costs for evenings & nights shift premiums for ATU 1760 staff, consistent with new collective agreement.	24	0	24	0.00
Inflationary increase in funding for rural transportation provided by community support service agencies.	15	0	15	0.00
Transfer of Funds to RCFS for a BEEM Energy Management Coordinator position.	-100	0	-100	0.00
Increase in Presto fees due to higher ridership.	1,005	0	1,005	0.00
Regulatory requirement for Public Holiday for National Day for Truth and Reconciliation.	760	0	760	0.00
Increase in software support costs.	850	0	850	0.00
Increase in Fare Control System Maintenance Costs.	3,000	0	3,000	0.00
Inflationary increase in Facility costs related to utilities and leases.	120	0	120	0.00
Increase in cost for training and support for Rail Controllers.	100	0	100	0.00
Increase in costs to operate website, apps, API.	100	0	100	0.00
Increase in professional fees, vandalism, graffiti, radios and energy for O-Train Line 1.	485	0	485	0.00
Annual increase per the contractual agreement with Rideau Transit Group for O-Train Line 1 maintenance service and facility costs.	890	0	890	0.00
Increase in expenditures for bus maintenance.	1,690	0	1,690	0.00
Higher diesel fuel price per litre of \$0.98 in 2021 vs. \$1.08 in 2022.	3,620	0	3,620	0.00
Hiring of staff to provide analysis of training and development, and support required regulatory commitments including safety management systems in response to the SMS audit.	890	0	890	6.00
Increase in bus, rail and para simulator cost.	15	0	15	0.00
Contribution to reserves and debt charges.	16,565	-10,702	5,863	0.00
Contribution to capital to replace the cancelled provincial gas tax increase.	5,000		5,000	0.00
OC Transpo pension plan increased funding requirement.	50	0	50	0.00
Increase in funding for relief instructors.	360	0	360	0.00
Capitalization of Service Hours for Stage 2 Construction Detours.	6,290	0	6,290	0.00
Recovery of Service Hours for Stage 2 Construction Detours.	-6,290	0	-6,290	0.00
<b>Total Maintain Services</b>	<b>42,549</b>	<b>-10,702</b>	<b>31,847</b>	<b>6.00</b>



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

2022 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2022 Changes	FTE Impact
<b>Growth</b>				
Compensation and other operating costs associated for the opening of O-Train Lines 2	1,008	0	1,008	4.00
<b>Total Growth</b>	<b>1,008</b>	<b>0</b>	<b>1,008</b>	<b>4.00</b>
<b>COVID-19</b>				
One-time government funding required to fund additional COVID-19 costs and pressures in 2022.	0	-60,555	-60,555	0.00
One-time reduction in revenues due to impacts of COVID-19 on ridership.	0	41,187	41,187	0.00
One-time reduction of Provincial gas tax funding based on lower gasoline sales.	0	7,690	7,690	0.00
Lower advertising & lease revenues.	0	93	93	0.00
Resources and other costs required for enhanced cleaning.	10,085	0	10,085	38.00
Personal and Protective Equipment.	1,500	0	1,500	0.00
<b>Total COVID-19</b>	<b>11,585</b>	<b>-11,585</b>	<b>0</b>	<b>38.00</b>
<b>User Fees &amp; Revenues</b>				
Fare increase of 2.5% effective Jan 1, 2022.	0	-5,120	-5,120	0.00
Increase in Advertising Revenue.	0	-300	-300	0.00
<b>Total User Fees &amp; Revenues</b>	<b>0</b>	<b>-5,420</b>	<b>-5,420</b>	<b>0.00</b>
<b>Total Budget Changes</b>	<b>35,817</b>	<b>-14,907</b>	<b>20,910</b>	<b>61.00</b>

# Capital Budget

**City of Ottawa  
2022 Draft Capital Budget  
Transit Commission  
In Thousands (\$000)**

Service Area: Transit Services											
Category	2022 Draft 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	137,536	0	62,919	0	0	31,778	8,838	0	0	34,001	42,839
Growth	0	0	0	0	0	0	0	0	0	0	0
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Service Enhancements	32,325	0	18,550	0	0	7,550	6,225	0	0	0	6,225
<b>Total</b>	<b>169,861</b>	<b>0</b>	<b>81,469</b>	<b>0</b>	<b>0</b>	<b>39,328</b>	<b>15,063</b>	<b>0</b>	<b>0</b>	<b>34,001</b>	<b>49,064</b>

**City of Ottawa**  
**2022 Draft Capital Budget**  
**Service Area: Transit Services**  
 In Thousands (\$000)

Program Information			Financial Details																																														
<b>Buildings-Transit</b>			<b>Class of Estimate: C) Planning</b>																																														
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 lifecycle renewal and replacement works to existing building and park assets. Detailed scope of work for specific projects extends to a wide assortment of work, such as roof replacement, building preservation, building mechanical and electrical systems, parks playgrounds and property elements, hard landscaping, arena and pool equipment and unplanned emergency work. Forecasts are based on bulk allocations that will be detailed in future budget submissions. Project cost group summaries are provided following this program summary. Annual programming provides allocations as required for each of the service areas as follows:</p> <table border="1"> <thead> <tr> <th>Service Area</th> <th>Buildings</th> <th>Parks</th> </tr> </thead> <tbody> <tr><td>By-Law Services</td><td>350</td><td></td></tr> <tr><td>Child Care Services</td><td>338</td><td></td></tr> <tr><td>Cultural Services</td><td>803</td><td></td></tr> <tr><td>Fire Services</td><td>1,743</td><td></td></tr> <tr><td>General Government</td><td>4,085</td><td></td></tr> <tr><td>Public Library</td><td>1,821</td><td></td></tr> <tr><td>Long Term Care</td><td>7,200</td><td></td></tr> <tr><td>Parks &amp; Recreation Facilities</td><td>15,224</td><td>6,000</td></tr> <tr><td>Roads Services</td><td>4,291</td><td></td></tr> <tr><td>Social Services</td><td>450</td><td></td></tr> <tr><td>Water Services</td><td>150</td><td></td></tr> <tr><td>Transit Services</td><td>2,300</td><td></td></tr> <tr><td><b>TOTAL Authority Request</b></td><td><b>38,755</b></td><td><b>6,000</b></td></tr> </tbody> </table>			Service Area	Buildings	Parks	By-Law Services	350		Child Care Services	338		Cultural Services	803		Fire Services	1,743		General Government	4,085		Public Library	1,821		Long Term Care	7,200		Parks & Recreation Facilities	15,224	6,000	Roads Services	4,291		Social Services	450		Water Services	150		Transit Services	2,300		<b>TOTAL Authority Request</b>	<b>38,755</b>	<b>6,000</b>	<b>2022 Request</b>	<b>2,300</b>	Projected Yearend Unspent Bal.		0
			Service Area	Buildings	Parks																																												
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<b>TOTAL Authority Request</b>	<b>38,755</b>	<b>6,000</b>																																															
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																																												
<b>Forecast</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>																																													
Authority	2,300	3,600	3,600	4,900																																													
Spending Plan	1,800	2,880	3,600	3,600																																													
FTE's	0	0	0	0																																													
Operating Impact	0	0	0	0																																													

**City of Ottawa**  
**2022 Draft Capital Budget**  
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 In Thousands (\$000)

Project Information			Location/Description	\$000's
<b>910410 2022 Buildings-Transit Services</b>			<b>Class of Estimate: C) Planning</b>	<b>2,300</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025		
<p>This program provides for lifecycle renewal and replacement works to existing building assets and is a component of the corporate Buildings and Parks Program.</p>				
Ward	Project	Location Description		
04	Terry Fox Transitway Station	Replace Building Automation System		
09	Fallowfield Transitway Station	Replace Building Automation System		
09	Office and Garage - Merivale	Replace Rooftop HVAC #1 - Serving Main Office/1rst and 2nd Floor		
16	Walkley Transitway Station	Concrete Stairs Repairs		
17	Heron Transitway Station	Replace Building Automation System		
17	Lycee Claudel Transitway Station	Replace Building Automation System		
17	Smyth Transitway Station	Replace Building Automation System		
18	875 Belfast	Type II Condition Audit, Design : Roof Replacement		
18	North Garage and Office	Replace Catch Basins (8) in Bays 11, 12 and 13		
18	925 Belfast - OC Transpo	Type II Condition Audit		
18	899 Belfast Admin and Shops	Type II Condition Audit		
18	Pleasant Park Transitway Station	Replace Building Automation System		
18	Riverside Hospital Transitway Station	Replace Building Automation System		
18	South Garage - St. Laurent	Replace High Voltage Switchgear		
CW	City Wide: Transit Services Facilities	Unscheduled Works: Transit Facilities		

**City of Ottawa**  
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Program Information		Financial Details						
<b>Transit Rail Structures</b>		<b>Class of Estimate: C) Planning</b>						
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).</p> <p>Forecasts are based on bulk allocations that will be detailed in future budget submissions following completion of a review.</p>		<b>2022 Request</b>		1,075		Projected Yearend Unspent Bal.	0	
		Revenues		0		Debt		
		Tax Supported/ Dedicated		675		Tax Supported/ Dedicated Debt		400
		Rate Supported		0		Rate Supported Debt		0
		Develop. Charges		0		Develop. Charges Debt		0
		Gas Tax		0		Gas Tax Debt		0
		<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
		Authority		1,075	2,195	680	611	
		Spending Plan		538	1,420	1,309	1,098	
		FTE's		0	0	0	0	
Operating Impact		0	0	0	0			

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Project Information		Location/Description	\$000's
<b>910471 2022 Trillium Line Structures</b>		<b>Class of Estimate: A) Pre-Tender</b>	<b>1,000</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>This component of the program provides for the engineering and construction activities relating to repair and lifecycle rehabilitation of various Trillium Line structures, to address deficiencies over their service life. The size and complexity of the projects vary considerably. The activities are scheduled based on needs identified through the structures asset management programs.</p>			
Ward	Project	Location Description	
16, 17	Confed Hts Brdg [APPkwy O/P Heron/ OTrain	1.63 km N of Walkley Rd [056610]	



**City of Ottawa**  
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Project(s) within a Program Information			\$000's
<b>910472</b>	<b>2022 Trillium L STR Scoping Pre/Post Eng</b>	<b>Class of Estimate: C) Planning</b>	<b>75</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>Scope and design briefs 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 funding envelopes.</p>			

**City of Ottawa**  
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 In Thousands (\$000)

Program Information		Financial Details					
<b>Transit Roads &amp; Structures</b>		<b>Class of Estimate: C) Planning</b>					
Dept: Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various				
<p>The Transit Roads &amp; 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"> <li>• Roads and park &amp; ride areas (renewal of roadways and parking dedicated to transit).</li> <li>• Transitway structures (renewal of bridges, culverts, retaining walls serving the dedicated transit network).</li> <li>• Project scoping and engineering.</li> </ul> <p>Forecasts are based on bulk allocations that will be detailed in future budget submissions following completion of a review.</p>		<b>2022 Request</b>	<b>4,583</b>	Projected Yearend Unspent Bal.		0	
		Revenues	0	Debt			
		Tax Supported/ Dedicated	1,265	Tax Supported/ Dedicated Debt			1,539
		Rate Supported	0	Rate Supported Debt			0
		Develop. Charges	0	Develop. Charges Debt			0
		Gas Tax	1,780	Gas Tax Debt			0
		<b>Forecast</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
		Authority	4,583	4,090	5,950	5,597	
		Spending Plan	2,387	4,137	4,798	5,213	
		FTE's	0	0	0	0	
Operating Impact	0	0	0	0			

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 In Thousands (\$000)

Project(s) within a Program Information			\$000's
<b>909390 Transit Structures - Drainage</b>		<b>Class of Estimate: C) Planning</b>	<b>200</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2021	
<p>This component of the program provides for the engineering and construction activities relating to repair and rehabilitation of various transitway drainage structures, to address deficiencies over their service life. The activities are scheduled based on needs identified through the structures asset management programs.</p> <p>New year of completion is 2023.</p>			

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In Thousands (\$000)

Project Information		Location/Description	\$000's
<b>910116 2021 Transit Structures</b>		<b>Class of Estimate: B) Design</b>	<b>230</b>
Category: Renewal of City Assets   Ward: CW		Year of Completion: 2023	
<p>This component of the program provides for the engineering and construction activities relating to repair and lifecycle rehabilitation of various transitway structures, to address deficiencies over their service life. The size and complexity of the projects vary considerably. The activities are scheduled based on needs identified through the structures asset management programs.</p>			
Ward	Project	Location	
8	Baseline Station Tunnel	Bet. College Ave and Navaho Dr [115520]	

**City of Ottawa**  
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 In Thousands (\$000)

Project Information		Location/Description	\$000's
<b>910464</b>	<b>2022 Transit Roads</b>	<b>Class of Estimate: C) Planning</b>	<b>2,620</b>
Category: Renewal of City Assets   Ward: CW		Year of Completion: 2024	
<p>This program provides for engineering and construction activities, to maintain and rehabilitate the existing transit roadway infrastructure. The activities include asphalt overlays, rehabilitation of concrete pavements, and other surface repairs/rehabilitation work on roadways dedicated to transit and transit stations. Subject to Council adoption of the 2022 Adopted budget, the authority for these projects will be reduced by \$500,000 and the funding used to eliminate a portion of the PTIF project debt financing.</p>			
<b>Ward</b>	<b>Project</b>	<b>Location</b>	
CW	ANNUAL CONCRETE PAVEMENT REPAIRS	LOCATIONS TO BE DETERMINED	
CW	SELECTIVE RESURFACING	LOCATIONS TO BE DETERMINED	
22	EARL ARMSTRONG RD WESTBOUND BUS	AT RIVER RD INTERSECTION	
22	EARL ARMSTRONG RD EASTBOUND BUS	50 M WEST OF RIVER RD (OR 19) to 50 M EAST OF RIVER RD (OR 19)	
10	SOUTHEAST TRANSITWAY	HUNT CLUB OVERPASS - SOUTH EXPANSION JOINT to HUNT CLUB RD	
8,9	WOODROFFE AV NORTHBOUND BUS LANE	MEDHURST DR to NORICE ST	
14, 17	CARLING AV BUS LANES	PRESTON ST to BRONSON AV	

**City of Ottawa**  
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Project(s) within a Program Information			\$000's
<b>910465</b>	<b>2022 Pavement Imp - Transit</b>	<b>Class of Estimate: C) Planning</b>	<b>213</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>This program provides authority for engineering and construction works for Transitway preservation that include localized asphalt resurfacing, concrete pavement repairs, pavement crack sealing and other surface repairs on roadways dedicated to transit and transit stations.</p>			
<b>910466</b>	<b>2022 Transit Park &amp; Ride Renewal</b>	<b>Class of Estimate: C) Planning</b>	<b>300</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>This project is for the asphalt overlay and related costs at the Riverview Transit Station.</p>			





**City of Ottawa**  
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**In Thousands (\$000)**

Project(s) within a Program Information			\$000's
<b>910468</b>	<b>2022 Bridge Preventative Maint TWY</b>	<b>Class of Estimate: C) Planning</b>	<b>320</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>This program provides the authority to undertake engineering and construction of preventative maintenance works for transitway structures that are not budgeted through any other program.</p>			
<b>910469</b>	<b>2022 Regulatory Structural Inspections TWY</b>	<b>Class of Estimate: C) Planning</b>	<b>150</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>This program provides the authority for the regulatory inspections of transitway structures and any required follow-up assessments.</p>			
<b>910470</b>	<b>2022 Transit STR Scoping Pre/Post Eng.</b>	<b>Class of Estimate: C) Planning</b>	<b>50</b>
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<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>			

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Project Information			Financial Details						
<b>909087 Rail Operational Readiness</b>			<b>Class of Estimate: Not Applicable</b>						
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 the Confederation Line (Line 1). 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 the Stage 2 O-Train extensions to the east, west and south.</p>			<b>2022 Request</b>		3,069		Projected Yearend Unspent Bal.	9,889	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		3,069		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		3,069	5,426	3,619	760	
			Spending Plan		12,723	5,426	3,619	760	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				
<b>909089 LRT Detour hours funding for Stage 2 LRT</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023						
<p>This project will fund detour costs in 2022 for Stage 2 LRT projects. Additional funding will be sought in future budgets for detour costs prior to the opening of Stage 2 LRT.</p>			<b>2022 Request</b>		6,400		Projected Yearend Unspent Bal.	4,514	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		6,400		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		6,400	19,686	0	0	
			Spending Plan		10,914	19,686	0	0	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				

**City of Ottawa**  
**2022 Draft Capital Budget**  
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**In Thousands (\$000)**

Project Information			Financial Details						
<b>910160 Stage 2 Transition</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024						
<p>Supporting the Rail Operational Readiness Program, the Stage 2 Transition project provides operational, technical and administrative resources to enable the delivery of the expanded integrated rail service. The project provides for the resources to deliver service on Line 1 and Line 2, in addition to resources to manage the new systems, vehicles and associated contracts. Prior to revenue service on each line, these resources will be dedicated to planning, coordination, project management, testing and commissioning and trial running activities. This project will ensure the implementation of business and service delivery models that ensure a seamless operation and positive customer experience for revenue service. The focus of the project is to ensure operational readiness and consistency across the rail network.</p>			<b>2022 Request</b>		17,400		Projected Yearend Unspent Bal.	5,666	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		17,400		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		17,400	10,200	10,508	0	
			Spending Plan		22,999	10,200	10,508	0	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				
<b>910612 Bus Refurbishment 2022</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025						
<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, major components on Para vehicles and refurbishment facility modifications.</p>			<b>2022 Request</b>		18,800		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		18,800		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		18,800	18,603	7,114	8,860	
			Spending Plan		18,800	18,603	7,114	8,860	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				

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In Thousands (\$000)

Project Information			Financial Details						
<b>910613 Operations Support Vehicles - Repl 2022</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025						
<p>This project funds the lifecycle replacement of operational support vehicles, including those used for security, supervision, maintenance, towing, winter maintenance, and others. This project will fund approximately 15 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>			<b>2022 Request</b>		1,775		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		0		Develop. Charges Debt		0
			Gas Tax		1,775		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		1,775	1,836	1,873	1,910	
			Spending Plan		1,775	1,836	1,873	1,910	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				
<b>910614 Renewal of Operational Assets 2022</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025						
<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>			<b>2022 Request</b>		4,600		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		2,300		Tax Supported/ Dedicated Debt		920
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		1,380		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		4,600	3,060	1,040	2,122	
			Spending Plan		4,600	3,060	1,040	2,122	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				

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Project Information			Financial Details						
<b>910615 Transit Network Yearly Rehab 2022</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025						
<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>			<b>2022 Request</b>		1,400		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		1,260		Tax Supported/ Dedicated Debt		140
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		1,400	1,836	1,873	1,592	
			Spending Plan		1,400	1,836	1,873	1,592	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				
<b>910616 Bus Stops and Shelters 2022</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025						
<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>			<b>2022 Request</b>		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			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				

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Project Information			Financial Details							
<b>910617 Station Customer Improvements 2022</b>			<b>Class of Estimate: Not Applicable</b>							
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025							
<p>This project will 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>			<b>2022 Request</b>		8,600		Projected Yearend Unspent Bal.	0		
			Revenues		0		Debt			
			Tax Supported/ Dedicated		860		Tax Supported/ Dedicated Debt		3,870	
			Rate Supported		0		Rate Supported Debt		0	
			Develop. Charges		0		Develop. Charges Debt		0	
			Gas Tax		3,870		Gas Tax Debt		0	
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>		
			Authority		8,600	8,645	4,760	4,192		
			Spending Plan		8,600	8,645	4,760	4,192		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
			<b>910618 Transit Accessibility Improvements 2022</b>			<b>Class of Estimate: Not Applicable</b>				
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025							
<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>			<b>2022 Request</b>		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	
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>		
			Authority		500	510	520	531		
			Spending Plan		500	510	520	531		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		

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Project Information			Financial Details							
<b>910619 Transit Priority Road and Signal Projects 2022</b>			<b>Class of Estimate: Not Applicable</b>							
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025							
<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>			<b>2022 Request</b>		<b>2,500</b>	Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt			
			Tax Supported/ Dedicated		1,250		Tax Supported/ Dedicated Debt		0	
			Rate Supported		0		Rate Supported Debt		0	
			Develop. Charges		0		Develop. Charges Debt		0	
			Gas Tax		1,250		Gas Tax Debt		0	
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>		
			Authority		2,500	2,550	2,601	2,653		
			Spending Plan		2,500	2,550	2,601	2,653		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
			<b>910620 Communications and Control Systems Onboard Vehicles 2022</b>			<b>Class of Estimate: Not Applicable</b>				
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025							
<p>This program funds upgrades and enhancements to vehicle onboard technology systems, both for transit bus operations such as radio technology, passenger-counting system, onboard connectivity and GPS vehicle location systems, as well as customer-facing systems such as the next stop announcements and displays.</p>			<b>2022 Request</b>		<b>2,800</b>	Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt			
			Tax Supported/ Dedicated		1,400		Tax Supported/ Dedicated Debt		1,400	
			Rate Supported		0		Rate Supported Debt		0	
			Develop. Charges		0		Develop. Charges Debt		0	
			Gas Tax		0		Gas Tax Debt		0	
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>		
			Authority		2,800	0	2,081	6,367		
			Spending Plan		2,800	0	2,081	6,367		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		



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<b>910626 Bus Replacement 2022</b>			<b>Class of Estimate: Not Applicable</b>							
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025							
<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 74 existing 40-foot buses with a new fleet of 40-foot buses.</p>			<b>2022 Request</b>		<b>55,015</b>	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		0	Develop. Charges Debt				0
			Gas Tax		21,014	Gas Tax Debt				34,001
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>		
			Authority		55,015	108,848	109,696	0		
			Spending Plan		27,508	81,932	109,272	54,848		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
			<b>910629 Unplanned Infrastructure Response 2022</b>			<b>Class of Estimate: Not Applicable</b>				
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025							
<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>			<b>2022 Request</b>		<b>1,000</b>	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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>		
			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		

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Project Information			Financial Details						
<b>910631 O-Train Station Names</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025						
<p>This account funds the implementation costs of the station names that were selected in a consultative process in 2019-20. Work includes updating control and information systems; construction, safety, and regulatory documentation; and signage.</p>			<b>2022 Request</b>		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		2,000	0	0	0	0
			Spending Plan		2,000	0	0	0	0
			FTE's		0	0	0	0	0
			Operating Impact		0	0	0	0	0
			<b>910635 Contractual Lifecycle Payment (O-Train Line 1)</b>			<b>Class of Estimate: Not Applicable</b>			
			Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2030			
<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>			<b>2022 Request</b>		440		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		440		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		440	2,538	8,138	5,359	
			Spending Plan		440	2,538	8,138	5,359	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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Project Information			Financial Details								
<b>910636 Train and Rail Lifecycle and Modifications</b>			<b>Class of Estimate: Not Applicable</b>								
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025								
<p>This Program is to maintain the O-Train System in a state of good repair and to implement modernizations measures to improve service. The funding will implement required vehicle overhauls, strategies, and modernization measures to keep the rolling stock in a state of good repair. The funding will also implement required infrastructure (tracks, signals, control systems and stations) overhauls, reliability improvements, safety and security improvements, and modernizations measures to keep the infrastructure in a state of good repair. Projects funded within this program are outside of the contractual responsibilities of RTG and TNext.</p>			<b>2022 Request</b>		<b>2,279</b>	Projected Yearend Unspent Bal.		0			
			Revenues		0	Debt					
			Tax Supported/ Dedicated		1,000	Tax Supported/ Dedicated Debt			570		
			Rate Supported		0	Rate Supported Debt		0			
			Develop. Charges		0	Develop. Charges Debt		0			
			Gas Tax		709	Gas Tax Debt		0			
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>			
			Authority		2,279	2,550	1,301	1,327			
			Spending Plan		2,279	2,550	1,301	1,327			
			FTE's		0	0	0	0			
			Operating Impact		0	0	0	0			
			<b>910621 Customer Services Technology Systems 2022</b>			<b>Class of Estimate: Not Applicable</b>					
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025								
<p>This program funds updates to customer-facing systems, including the web content management system (CMS), the interactive voice response (IVR) and the customer relationship management (CRM) systems. These require continuous upgrades to allow improvements in service to customers. The program also include updates to improve transit data across customer interfaces.</p>			<b>2022 Request</b>		<b>250</b>	Projected Yearend Unspent Bal.		0			
			Revenues		0	Debt					
			Tax Supported/ Dedicated		150	Tax Supported/ Dedicated Debt			100		
			Rate Supported		0	Rate Supported Debt		0			
			Develop. Charges		0	Develop. Charges Debt		0			
			Gas Tax		0	Gas Tax Debt		0			
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>			
			Authority		250	255	260	584			
			Spending Plan		250	255	260	584			
			FTE's		0	0	0	0			
			Operating Impact		0	0	0	0			

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<b>910622 Fare Technology Systems 2022</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
<p>This program funds required changes to fare and ticketing systems. It includes upgrades to bring new fare payment features and ensure compatibility of all fare products. It also includes the required maintenance, replacement and upgrades of fare equipment, including over bus and rail devices and back-office management systems.</p>			<b>2022 Request</b>		<b>3,000</b>		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		1,500		Tax Supported/ Dedicated Debt		1,500
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		3,000	2,040	2,081	2,122	
			Spending Plan		3,000	2,040	2,081	2,122	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
			<b>910623 Operations Management Systems 2022</b>			<b>Class of Estimate: Not Applicable</b>			
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
<p>This program funds all continuing technology operations and infrastructure needs for OC Transpo, including hardware and software maintenance, upgrades, lifecycle replacement, licence renewals and system integration as well as adoption of new tools and enhancements to support increased business demands for IT solutions.</p>			<b>2022 Request</b>		<b>6,450</b>		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		3,225		Tax Supported/ Dedicated Debt		3,225
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		6,450	2,040	2,081	4,245	
			Spending Plan		6,450	2,040	2,081	4,245	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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<b>910624 Scheduling and Control Systems 2022</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
<p>This program funds improvements and software enhancements of the computer-aided dispatch control system for bus operations and the suite of software used for network planning, schedule buses and manage employees for booking, dispatch and time-keeping functions, as well as implement advanced analytics.</p>			<b>2022 Request</b>		1,500		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		1,350		Tax Supported/ Dedicated Debt		150
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		1,500	0	468	0	
			Spending Plan		1,500	0	468	0	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
			<b>910625 Technology Systems - Security 2022</b>			<b>Class of Estimate: Not Applicable</b>			
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
<p>This program funds growth and upgrades to security systems such as video cameras, physical access control systems and other security-related hardware and software used by OC Transpo on vehicles and at various facilities across the city. Lifecycle replacement of certain wayside equipment is required to maintain systems in a good state of repair.</p>			<b>2022 Request</b>		1,500		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		1,000		Tax Supported/ Dedicated Debt		150
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		350		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		1,500	1,020	1,040	1,592	
			Spending Plan		1,500	1,020	1,040	1,592	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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Project Information			Financial Details						
<b>910630 Customer Service Program</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
<p>This project will allocate funds and resources to Customer Service initiatives that will be focused on improving customer experience by improving service levels, reliability and customer engagement. This project will also support the modernization and upgrades for the Customer Service Branch.</p>			<b>2022 Request</b>		11,000		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		9,900		Tax Supported/ Dedicated Debt		1,100
			Rate Supported		0		Rate Supported Debt		0
			Develop. Charges		0		Develop. Charges Debt		0
			Gas Tax		0		Gas Tax Debt		0
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		11,000	0	0	0	0
			Spending Plan		11,000	0	0	0	0
			FTE's		0	0	0	0	0
Operating Impact		0	0	0	0	0			
<b>910632 Post Covid Ridership Return Campaign</b>			<b>Class of Estimate: Not Applicable</b>						
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
<p>Funds are required to create and implement a strategy and campaign to encourage and support new and existing customers returning to transit, following the COVID-19 pandemic.</p>			<b>2022 Request</b>		625		Projected Yearend Unspent Bal.	0	
			Revenues		0		Debt		
			Tax Supported/ Dedicated		625		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
			<b>Forecast</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
			Authority		625	0	0	0	0
			Spending Plan		625	0	0	0	0
			FTE's		0	0	0	0	0
Operating Impact		0	0	0	0	0			

**City of Ottawa**  
**2022 Draft Capital Budget**  
**Service Area: Transit Services**  
 In Thousands (\$000)

Project Information		Financial Details					
<b>910633 O-Train Telecommunications Improvements</b>		<b>Class of Estimate: Not Applicable</b>					
Dept: Transportation Services Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025				
<p>This program funds enhancements to the base telecommunications systems along the Stage 2 O-Train extensions. Work may include the provision of cellular service for customers in tunnels and enclosed areas and public Wi-Fi service at some stations. Costs will be shared with the City's telecommunication partner vendors.</p>		<b>2022 Request</b>	<b>8,000</b>	Projected Yearend Unspent Bal.		0	
		Revenues	0	Debt			
		Tax Supported/ Dedicated	800	Tax Supported/ Dedicated Debt			0
		Rate Supported	0	Rate Supported Debt		0	
		Develop. Charges	0	Develop. Charges Debt		0	
		Gas Tax	7,200	Gas Tax Debt		0	
		<b>Forecast</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	
		Authority	8,000	0	0	0	
		Spending Plan	8,000	0	0	0	
		FTE's	0	0	0	0	
Operating Impact	0	0	0	0			

City Of Ottawa  
2022 Draft Capital Budget  
Transit Commission  
Four Year Forecast Summary  
In Thousands \$(000's)

Project Description	2022	2023	2024	2025	Total
<b>Transit Services</b>					
<b>Renewal of City Assets</b>					
909087 Rail Operational Readiness	3,069	5,426	3,619	760	12,874
909089 LRT Detour hours funding for Stage 2	6,400	19,686	0	0	26,086
909100 Bus Replacement Para 2020	0	13,565	0	0	13,565
909390 Transit Structures - Drainage	200	200	250	277	927
910116 2021 Transit Structures	230	0	0	0	230
910160 Stage 2 Transition	17,400	10,200	10,508	0	38,108
910410 2022 Buildings-Transit Services	2,300	3,600	3,600	4,900	14,400
910464 2022 Transit Roads	2,620	2,400	2,500	2,600	10,120
910465 2022 Pavement Imp - Transit	213	220	220	220	873
910466 2022 Transit Park & Ride Renewal	300	750	750	750	2,550
910467 2022 Transit Structures	500	0	1,710	1,230	3,440
910468 2022 Bridge Preventative Maint TWY	320	320	320	320	1,280
910469 2022 Regulatory Struct Inspections TWY	150	150	150	150	600
910470 2022 Transit STR Scoping Pre/Post Eng.	50	50	50	50	200
910471 2022 Trillium Line Structures	1,000	2,120	530	536	4,186
910472 2022 Trillium L STR Scoping Pre/Post Eng	75	75	150	75	375
910572 Lifecycle Payment O-Train Line 2	0	15,361	15,279	9,819	40,459
910612 Bus Refurbishment 2022	18,800	18,603	7,114	8,860	53,377
910613 Operations Support Vehicles - Repl 2022	1,775	1,836	1,873	1,910	7,394
910614 Renewal of Operational Assets 2022	4,600	3,060	1,040	2,122	10,822
910615 Transit Network Yearly Rehab 2022	1,400	1,836	1,873	1,592	6,701
910616 Bus Stops and Shelters 2022	1,000	1,020	1,040	1,061	4,121
910617 Station Customer Improvements 2022	8,600	8,645	4,760	4,192	26,197
910618 Transit Accessibility Improvements 2022	500	510	520	531	2,061
910619 Transit Priority Road & Signal Proj 2022	2,500	2,550	2,601	2,653	10,304
910620 Comm & Control Sys Onboard Vehicles 2022	2,800	0	2,081	6,367	11,248
910626 Bus Replacement 2022	55,015	108,848	109,696	0	273,559
910629 Unplanned Infrastructure Response 2022	1,000	1,020	1,040	1,061	4,121
910631 O-Train Station Names	2,000	0	0	0	2,000
910635 Contract Lifecycle Pmt (O-Train Line 1)	440	2,538	8,138	5,359	16,475
910636 Train and Rail Lifecycle & Modifications	2,279	2,550	1,301	1,327	7,457
<b>Renewal of City Assets Total</b>	<b>137,536</b>	<b>227,139</b>	<b>182,713</b>	<b>58,722</b>	<b>606,110</b>



City Of Ottawa  
 2022 Draft Capital Budget  
 Transit Commission  
 Four Year Forecast Summary  
 In Thousands \$(000's)

Project Description	2022	2023	2024	2025	Total
<b>Growth</b>					
910571 Operations Support Vehicles - Growth	0	102	832	0	934
<b>Growth Total</b>	<b>0</b>	<b>102</b>	<b>832</b>	<b>0</b>	<b>934</b>
<b>Service Enhancements</b>					
910145 Fleet Maintenance Technology Systems	0	510	0	1,086	1,596
910147 Para Transpo Technology Systems	0	0	312	0	312
910621 Customer Services Technology System 2022	250	255	260	584	1,349
910622 Fare Technology Systems 2022	3,000	2,040	2,081	2,122	9,243
910623 Operations Management Systems 2022	6,450	2,040	2,081	4,245	14,816
910624 Scheduling and Control Systems 2022	1,500	0	468	0	1,968
910625 Technology Systems - Security 2022	1,500	1,020	1,040	1,592	5,152
910630 Customer Service Program	11,000	0	0	0	11,000
910632 Post Covid Ridership Return Campaign	625	0	0	0	625
910633 O-Train Telecommunications Improvements	8,000	0	0	0	8,000
<b>Service Enhancements Total</b>	<b>32,325</b>	<b>5,865</b>	<b>6,242</b>	<b>9,629</b>	<b>54,061</b>
<b>Transit Services Total</b>	<b>169,861</b>	<b>233,106</b>	<b>189,787</b>	<b>68,351</b>	<b>661,105</b>
<b>Grand Total</b>	<b>169,861</b>	<b>233,106</b>	<b>189,787</b>	<b>68,351</b>	<b>661,105</b>

**City Of Ottawa**  
**Capital Works-In-Progress as at August 31, 2021**  
**Transit Commission**  
**In Thousands \$(000's)**

Project Description	Authority	Expenditures	Unspent Cash Balance	Total Contractual Obligations	Unspent Balance including Contractual Obligations
<b>Transit Services</b>					
904610 IT Bus Radio System	13,589	13,266	323	10	313
906169 OLRT Transition	109,929	141,946	-32,017	3,701	-35,718
906519 IT Business Intelligence Platform	380	199	181	177	4
906944 Environmental Improve - Reg. Compliance	1,600	632	968	1	967
906951 IT CAD AVLC	2,000	1,563	437	430	7
907300 2019 Trillium Line Structures	1,430	1,220	210	79	131
907372 Rail Radio Integration	5,077	5,275	-198	0	-198
907373 Fare Control Syst Confed Line Stn	25,940	25,242	698	34	664
907478 Tunney's Pasture Bus Staging Area	5,020	5,013	7	0	7
908189 2016 Transitway Structures	1,835	1,764	71	42	29
908506 2019 Transit Roads	607	513	94	0	94
908565 PTIF 004 Carleton Siding - Spring switch	2,500	2,500	0	0	0
908648 PTIF 006 Customer waiting area Confed St	2,000	1,534	466	0	466
908649 PTIF-Advanced Renewal Proj-LRT Stage2-32	3,100	1,634	1,466	0	1,466
908651 PTIF 002 Transit Op Crew room Bayview	1,500	1,500	0	0	0
908652 PTIF-Park & Ride Lot Improvements (013)	1,000	585	415	0	415
908653 PTIF 003 Tunney's Pasture Bus Loop	3,000	3,000	0	0	0
908654 PTIF-Transitway Resurfacing (022)	3,170	3,110	60	0	60
908682 PTIF-008 Elevator Tremblay Station	1,000	1,000	0	0	0
908696 IT Corporate Support Platform - 2017	1,450	1,046	404	1	404
908698 IT Operations & Control Centre Platform	700	493	207	114	93
908700 Technology Systems - Infrast. Lifecycle	1,300	1,040	260	0	260
908750 Bus Replacement (34 buses)	28,000	27,129	871	724	147
908753 PTIF 014 Rural Bus Stop Improvements	400	374	26	0	26
908754 PTIF 015 Bus Shelters	750	750	0	0	0
908755 PTIF 016 Concrete Bus Pads	350	284	66	0	66
908756 PTIF 017 Emergency Phone Upgr at Twy Stn	2,000	1,497	503	0	503
908757 PTIF 020 Merivale Driver facil& Elevator	1,500	1,458	42	0	42
908758 PTIF 023 Fare Gate Entrances Transitway	1,750	1,321	429	0	429
908759 PTIF 024 Transit Operator room Hawthorne	400	0	400	0	400
908760 PTIF 034 Transit Priority Projects	8,700	8,263	437	23	414
908761 PTIF 018 Passenger Information Display	2,000	2,000	0	0	0
908762 PTIF 019 Smartbus Infrastructure on board	4,500	4,293	207	0	207
908763 PTIF 025 Transport Demand Mgmt - detours	30,000	30,000	0	0	0
908764 PTIF 005 Walkley Interlock Refurb & Repl	11,000	8,633	2,367	0	2,367

**City Of Ottawa**  
**Capital Works-In-Progress as at August 31, 2021**  
**Transit Commission**  
**In Thousands \$(000's)**

Project Description	Authority	Expenditures	Unspent Cash Balance	Total Contractual Obligations	Unspent Balance including Contractual Obligations
908766 PTIF 035 Acquisition of (17) new buses	18,400	17,904	496	0	496
908930 2018 Buildings-Transit Services	3,600	1,427	2,173	305	1,869
908987 2018 Transitway Structures	1,160	862	298	46	252
908989 2019 Transit Structures	680	180	500	203	298
908990 Chief William Commanda Br Pier	10,463	591	9,872	74	9,798
909080 Bus Stops and Shelters	900	675	225	111	113
909081 Renewal of Operational Assets	4,000	3,497	503	62	441
909084 Transit Priority Road & Signal Projects	4,016	3,134	882	421	461
909085 Transit System Customer Improvements	2,600	1,968	632	109	523
909086 Unplanned Infrastructure Response	750	3	747	0	747
909087 Rail Operational Readiness	13,322	3,668	9,654	743	8,911
909089 LRT Detour hours funding for Stage 2	4,600	86	4,514	0	4,514
909091 IT Onboard Technology Systems	2,700	1,511	1,189	127	1,062
909092 IT Technology Systems - Customer Service	1,055	967	88	72	16
909094 IT Technology Systems - Para Transpo	700	338	362	27	335
909095 IT Technology Systems - Schedule&Control	2,400	1,919	481	488	-7
909096 Train & Rail Lifecycle (Confederation)	300	292	8	0	8
909097 Train & Rail Lifecycle (Trillium Line)	5,000	768	4,232	1,859	2,373
909101 Operations Support Vehicles - Replacemen	1,460	975	485	246	239
909370 2019 Buildings-Transit Services	3,600	2,057	1,543	604	938
909390 Transit Structures - Drainage	50	40	10	2	8
909391 2019 Trillium L STR Scoping Pre/Post Eng	150	0	150	0	150
909511 Technology Systems - Security	1,450	952	498	30	469
909513 Contractual LC Payment (O-train Line1)	320	227	93	0	93
909518 Bus Refurbishment	22,350	21,570	780	693	87
909519 Bus Replacement	55,235	54,692	543	31	512
909520 Bus Stops and Shelters	800	522	278	94	183
909521 Operations Management Systems	864	398	466	0	466
909522 Customer Services Technology System	1,000	477	523	95	427
909524 IT - Comm and Control Sys Onboard Vehicl	2,000	1,547	453	135	318
909525 Scheduling and Control Systems	1,400	619	781	788	-6
909528 Renewal of Operational Assets	3,000	2,294	706	645	61
909529 Fare Technology Systems	400	116	284	0	284
909530 Transit Accessibility Improvements	600	451	149	39	110
909531 Technology Systems - Infr. LC	1,000	0	1,000	0	1,000
909532 Transit Priority Road and Signal Project	3,316	402	2,914	1,753	1,161

**City Of Ottawa**  
**Capital Works-In-Progress as at August 31, 2021**  
**Transit Commission**  
**In Thousands \$(000's)**

Project Description	Authority	Expenditures	Unspent Cash Balance	Total Contractual Obligations	Unspent Balance including Contractual Obligations
909533 Transit Network Yearly Rehab	1,300	357	943	151	792
909534 Tran & Rail Lifecycle Modifications	1,750	53	1,697	0	1,697
909536 Operations Support Vehicle Replacement	1,513	607	906	0	906
909681 2020 Buildings - Transit Services	2,600	237	2,363	817	1,547
909718 2020 Transit Roads	1,500	857	643	232	411
909719 2020 Transit park & Ride Renewal	0	0	0	0	0
909720 2020 Transit Structures	430	158	272	100	172
909721 2020 Transit STR Scoping Pre/Post Eng.	0	0	0	0	0
909722 2020 Trillium Line Structures	10,280	4,487	5,793	3,409	2,384
909723 2020 Trillium L STR Scoping Pre/Post Eng	0	0	0	0	0
909752 Bus Replacement 2020	43,392	42,024	1,368	67	1,301
909756 Operations Support Vehicles - Replace 20	1,000	300	700	271	429
909757 Renewal of Operational Assets 2020	2,500	2,151	349	338	11
909758 Transit Network Yearly Rehab 2020	800	12	788	122	665
909759 Unplanned Infrastructure Response 2020	1,000	242	758	95	663
909760 IT Fare Technology Systems 2020	2,000	1,954	46	47	-1
909762 Train and Rail Lifecycle and Mod 2020	1,440	160	1,280	0	1,280
909763 Bus Stops and Shelters 2020	415	0	415	21	394
909764 Station Customer Improvements	2,850	1,971	879	254	626
909765 Transit Accessibility Improvements	500	189	311	210	101
909766 Transit Priority Road and Signal Project	4,036	750	3,286	24	3,261
909767 IT Comm + Control Syst Onboard Vehicles	500	491	9	9	0
909769 IT Customer Services Technology Systems	1,300	0	1,300	123	1,177
909771 IT Fleet Maintenance Technology Systems	940	0	940	0	940
909773 IT Technology Systems - Para Transpo	1,165	896	269	28	242
909774 IT Scheduling and Control Systems	800	127	673	0	673
909775 IT Technology Systems - Security	1,600	0	1,600	0	1,600
909864 Electric Buses and Equipment	6,000	1,646	4,354	8,279	-3,925
909866 O-Train Line 2 Enhmnt to Exting Stations	10,000	5,403	4,597	0	4,597
909867 O-Train Line 2 Station Connectivity Impr	3,300	1,363	1,937	1,937	0
910065 2021 Buildings-Transit Services	3,600	147	3,453	21	3,432
910114 2021 Transit Roads	1,260	88	1,172	99	1,073
910116 2021 Transit Structures	4,490	61	4,429	191	4,237
910142 Fare Technology Systems	2,040	17	2,023	623	1,399
910143 Technology Systems - Security	1,500	0	1,500	0	1,500
910144 Customer Services Technology Systems	2,855	556	2,299	0	2,299

**City Of Ottawa**  
**Capital Works-In-Progress as at August 31, 2021**  
**Transit Commission**  
**In Thousands \$(000's)**

Project Description	Authority	Expenditures	Unspent Cash Balance	Total Contractual Obligations	Unspent Balance including Contractual Obligations
910145 Fleet Maintenance Technology Systems	408	6	402	0	402
910146 Operations Management Systems	2,744	9	2,735	331	2,404
910147 Para Transpo Technology Systems	602	0	602	0	602
910148 Scheduling and Control Systems	655	144	511	0	511
910149 Operations Support Vehicles - Replacemen	985	0	985	0	985
910150 Renewal of Operational Assets	4,000	26	3,974	646	3,328
910151 Transit Network Yearly Rehab	1,500	0	1,500	12	1,488
910152 Bus Stops and Shelters	1,000	123	877	15	862
910153 Contractual Lifecycle Payment (O-Train L	444	0	444	416	28
910154 Station Customer Improvements	13,000	127	12,873	2,275	10,598
910155 Transit Accessibility Improvements	500	0	500	45	455
910156 Transit Priority Road and Signal Project	3,000	0	3,000	0	3,000
910157 Bus Refurbishment	20,500	8,925	11,575	1,807	9,768
910158 Bus Operator Barriers	6,000	5,613	387	25	362
910159 Fare Control for Stage 2	23,900	2,992	20,908	10,167	10,741
910160 Stage 2 Transition	6,000	401	5,599	0	5,599
910161 Communications and Control Systems Onboa	6,150	90	6,060	0	6,060
910270 Chief William Commanda Br MUP	12,128	489	11,639	35	11,604
910341 Bridge Preventative Maint TWY	205	1	204	0	204
910351 Pavement Imp-Transit	219	2	218	182	36
910352 Regulatory Structural Inspections TWY	150	53	97	85	12
<b>Transit Services Total</b>	<b>679,864</b>	<b>513,510</b>	<b>166,354</b>	<b>48,649</b>	<b>117,705</b>

<b>Grand Total</b>	<b>679,864</b>	<b>513,510</b>	<b>166,354</b>	<b>48,649</b>	<b>117,705</b>
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