



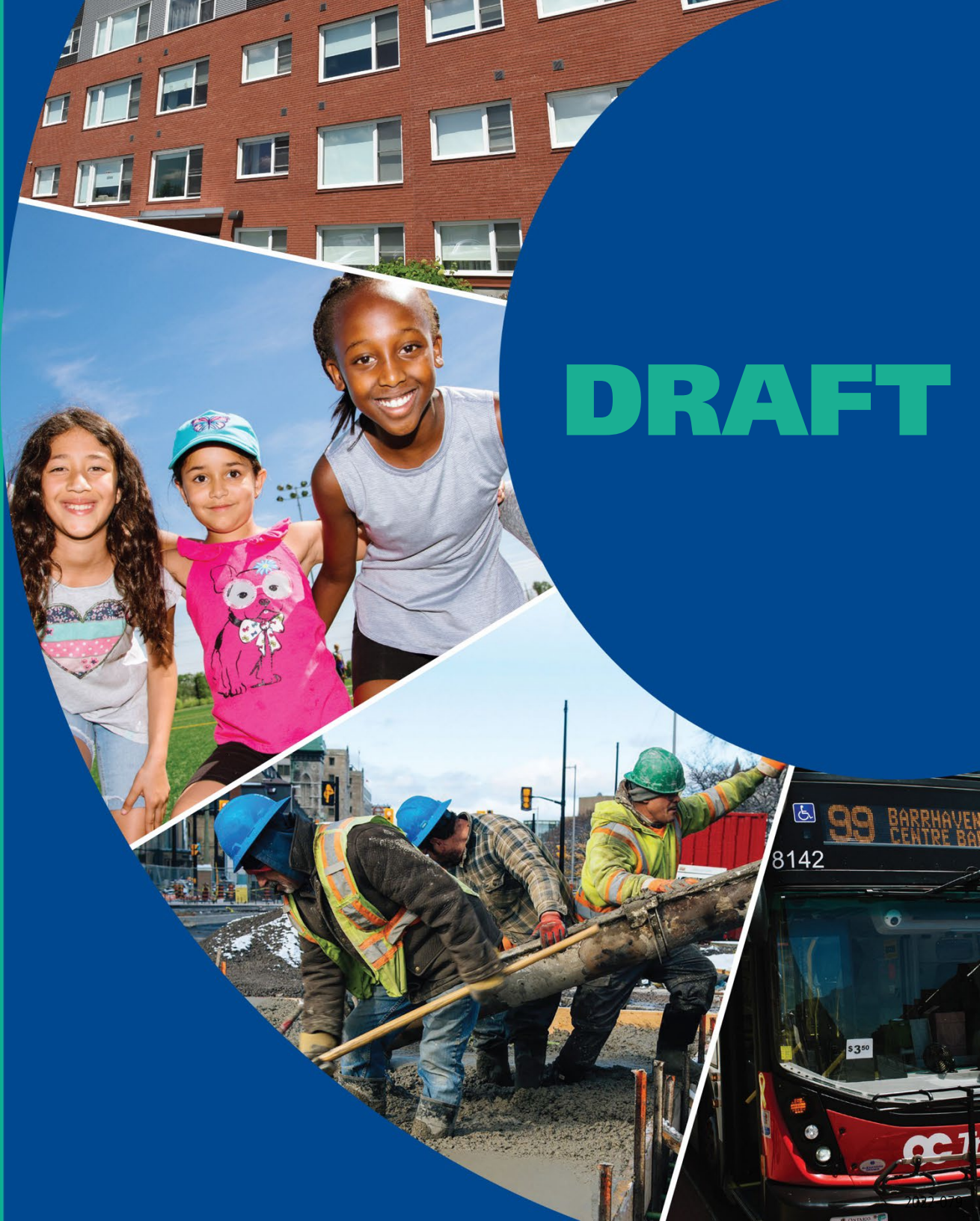
BUDGET

2023

**Working together
for a better Ottawa**

**Transportation
Committee**

Tabled February 1, 2023



DRAFT

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Transportation Committee

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Public Works Department

2023 Budget Service Area Summary - Technical Operations Support Services (TOSS)

Technical Operations Support Services is responsible for providing innovative, technical, and operational support services and expertise tailored to the operational lines of business and services provided by the Public Works Department (PWD).

Programs/Services Offered

- Collaborates with Operations and Support Services to improve overall efficiency and effectiveness of maintenance and rehabilitation efforts required to protect and preserve the condition of our assets in PWD
- Provides maintenance planning, contract management and financial support to Operational partners, as well as administrative support
- Maintains core departmental data in enterprise maintenance management systems (SAP, GIS) and provides a variety of reports/analytics for operational and strategic decision-making
- Provides in-field technical support of systems such as calibration of salt truck spreader controllers and maintenance and troubleshooting of operational GPS/AVL systems
- Supports and/or develops operational systems such as Geotab (GPS), Sidewalk Survey Tool and Ironworks Maintenance systems
- Implements and maintains maintenance management system (MMS) mobile projects to assist operations partners to work more efficiently
- Develops, updates and reports on the Salt Management (includes costing) plan as required by the Ministry of the Environment, Conservation and Parks, and develops/provides training and internal reporting to support the plan
- Implements pilot projects that look at new or different equipment, materials or processes to identify efficiencies or improve results
- Supports Roads and Parking Services (RPS) on the following initiatives: Service Delivery Review, Winter Maintenance Quality Standards (MQS) Review, MMS/Mobility, and MQS Creation for Specialty Street and Spaces – to fundamentally transform how it operates and delivers its services to residents.

City of Ottawa
Public Works Department
GM's Office & Business Support Services - Operating Resource Requirement
In Thousands (\$000)

	2021	2022		2023	\$ Change over 2022 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
General Manager's Office	469	447	447	436	(11)
Business Technical Support Services	4,576	6,127	6,049	6,199	150
People & Performance Operations	510	627	627	641	14
Technical Operations Support Services	7,666	6,776	6,776	6,920	144
Gross Expenditure	13,221	13,977	13,899	14,196	297
Recoveries & Allocations	(951)	(283)	(283)	(283)	0
Revenue	(425)	(443)	(435)	(435)	0
Net Requirement	11,845	13,251	13,181	13,478	297
Expenditures by Type					
Salaries, Wages & Benefits	12,325	13,073	13,073	13,367	294
Overtime	47	52	52	55	3
Material & Services	698	740	662	642	(20)
Transfers/Grants/Financial Charges	59	50	50	70	20
Fleet Costs	0	0	0	0	0
Program Facility Costs	0	0	0	0	0
Other Internal Costs	92	62	62	62	0
Gross Expenditures	13,221	13,977	13,899	14,196	297
Recoveries & Allocations	(951)	(283)	(283)	(283)	0
Net Expenditure	12,270	13,694	13,616	13,913	297
Revenues By Type					
Federal	0	0	0	0	0
Provincial	0	0	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	(425)	(443)	(435)	(435)	0
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	(425)	(443)	(435)	(435)	0
Net Requirement	11,845	13,251	13,181	13,478	297
Full Time Equivalents			123.31	123.31	0.00

Public Works Department

2023 Service Area Summary - Roads Services

Roads Services provides safe and efficient maintenance of the City's road right of way and transportation system network on a 24/7 basis by maintaining 12,915 lane km of roads, 2,510 km of sidewalks and pathways, 276 lane km of Transitway and Highway 174, and 17 Park and Rides. We are committed to the operational integrity of the transportation network for all users through regular maintenance programs.

Programs/Services Offered

- Potholes and asphalt patching and concrete repairs
- Road patrol and inspection
- Accident clean-up (Hurdman 24/7 only)
- Annual spring street sweeping operations (including concentrated sweeping)
- Street furniture maintenance, decorative surface maintenance, fence and decorative wall maintenance
- Bridge flushing at over 180 locations and Pretoria bridge operations and maintenance
- Park & Ride summer and winter maintenance
- Litter and debris pickup
- Guiderrails and post & cable maintenance (at over 2,600 locations)
- Rural road maintenance (gravel road grading, dust control, ditching, roadside grass cutting, rural mailbox replacement)
- Traffic induced vibration investigation and road surface repairs
- Snow and ice management on roads, sidewalks, the winter maintained cycling network and select pedestrian overpasses and pathways
- Snow removal, haulage, and disposal (includes Transitway, and bus stations)
- Management of snow disposal facilities (7 facilities)

- Rideau River Flood Control program, and Winter flood and pooling water control
- Snow fences, snow boards, and snow markers
- Grit Box program

City of Ottawa
Public Works Department
Roads Services - Operating Resource Requirement
In Thousands (\$000)

	2021	2022		2023	\$ Change over 2022 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Roads Operations	128,292	143,277	136,257	140,357	4,100
Gross Expenditure	128,292	143,277	136,257	140,357	4,100
Recoveries & Allocations	(10,067)	(11,138)	(11,138)	(9,138)	2,000
Revenue	(1,639)	(3,051)	(2,055)	(2,070)	(15)
Net Requirement	116,586	129,088	123,064	129,149	6,085
Expenditures by Type					
Salaries, Wages & Benefits	45,609	49,503	49,503	50,818	1,315
Overtime	6,947	6,469	6,469	6,469	0
Material & Services	45,772	58,369	52,349	55,134	2,785
Transfers/Grants/Financial Charges	0	0	0	0	0
Fleet Costs	31,066	28,918	27,918	27,918	0
Program Facility Costs	0	0	0	0	0
Other Internal Costs	(1,102)	18	18	18	0
Gross Expenditures	128,292	143,277	136,257	140,357	4,100
Recoveries & Allocations	(10,067)	(11,138)	(11,138)	(9,138)	2,000
Net Expenditure	118,225	132,139	125,119	131,219	6,100
Revenues By Type					
Federal	0	(800)	0	0	0
Provincial	0	(56)	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	(1,639)	(2,195)	(2,055)	(2,070)	(15)
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	(1,639)	(3,051)	(2,055)	(2,070)	(15)
Net Requirement	116,586	129,088	123,064	129,149	6,085
Full Time Equivalents			512.19	512.19	0.00

City of Ottawa
Public Works Department
Roads Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
Storage fee per shopping cart (includes removal of cart from highway and City property, impounding and storage, administration and management of notices and retrievals and enforcement). *	56.00	58.00	60.00	3.4%	7.1%	1-Apr-23	
Administration and Overhead charge will be applied to the overall cost recovery for any works or accident recoveries undertaken by Roads on behalf of the Federal government and any agencies, Provincial government and any agencies, Hydro Ottawa, school boards, universities/colleges, municipalities, general persons/parties and developers. *	15%	15%	15%	0.0%	0.0%	1-Apr-23	
Snow Disposal Facility (SDF) Fees							(15)
Single axle dump truck (9m ³) ticket price to dump snow in City snow disposal facility. ¹	39.40	45.30	52.10	15.0%	32.2%	1-Sep-23	
Tandem axle dump truck (15m ³) ticket price to dump snow in City snow disposal facility. ¹	65.65	75.50	86.80	15.0%	32.2%	1-Sep-23	
Tri-Axle axle dump truck (18m ³) ticket price to dump snow in City snow disposal facility. ¹	78.65	90.40	104.00	15.0%	32.2%	1-Sep-23	
Combo dump truck (20m ³) ticket price to dump snow in City snow disposal facility. ¹	139.90	160.90	185.00	15.0%	32.2%	1-Sep-23	
Semi dump truck (64.36m ³) ticket price to dump snow in City snow disposal facility. ¹	179.40	206.30	237.20	15.0%	32.2%	1-Sep-23	
Total Departmental							(15)

* HST applicable.

¹ Must be on approved list to purchase.

Public Works Department

2023 Service Area Summary – Parking Services

Parking Services manages and maintains the City's paid on and off-street parking. Parking Services provides and maintains secure, accessible, convenient and appealing public parking that supports local businesses, institutions and tourism. This is done in alignment with the Municipal Parking Management Strategy, which contains rate-setting guidelines and a funding model that mandates that all parking fee revenues be used to fund the Municipal Parking Management Program and other directly related costs. As of December 31, 2021, the branch manages 3,798 paid on-street parking spaces, 2,751 off-street spaces in six parking structures and 11 surface parking lots.

Per the Municipal Parking Management Strategy, the service area also encourages and actively promotes the use of sustainable modes of transportation. To this end, Parking Services operates the Public Bike Parking Program in alignment with the Public Bike Parking Strategy. As of the end of 2021, Parking Services managed 5,295 bike parking spaces within the right-of-way.

Programs/Services Offered

- Local Area Parking Studies / Assessments
- City-managed parking lots (parking structures and surface lots)
- On-street paid parking spaces
- Public Bike Parking Program
- Tour bus parking
- Seasonal beach parking (Petrie Island and Mooney's Bay beaches)
- Contractor management (PayByPhone, Precise ParkLink, etc.)

City of Ottawa
Public Works Department
Parking Services - Operating Resource Requirement
In Thousands (\$000)

	2021	2022		2023	\$ Change over 2022 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Parking Operations Maintenance & Development	1,227	1,532	1,532	1,356	(176)
On & Off Street Operations	16,287	15,541	15,541	15,784	243
Gross Expenditure	17,514	17,073	17,073	17,140	67
Recoveries & Allocations	(562)	(8)	(8)	12	20
Revenue	(16,952)	(17,052)	(17,052)	(17,152)	(100)
Net Requirement	0	13	13	0	(13)
Expenditures by Type					
Salaries, Wages & Benefits	1,781	2,089	2,089	2,134	45
Overtime	22	45	45	45	0
Material & Services	4,231	4,613	5,433	5,508	75
Transfers/Grants/Financial Charges	4,123	3,480	2,660	2,537	(123)
Fleet Costs	65	41	41	41	0
Program Facility Costs	709	786	786	786	0
Other Internal Costs	6,583	6,019	6,019	6,089	70
Gross Expenditures	17,514	17,073	17,073	17,140	67
Recoveries & Allocations	(562)	(8)	(8)	12	20
Net Expenditure	16,952	17,065	17,065	17,152	87
Revenues By Type					
Federal	0	0	0	0	0
Provincial	(5,707)	(5,700)	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	(11,245)	(11,352)	(17,052)	(17,152)	(100)
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	(16,952)	(17,052)	(17,052)	(17,152)	(100)
Net Requirement	0	13	13	0	(13)
Full Time Equivalents			19.00	19.00	0.00

City of Ottawa
Public Works Department
Parking Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
On-Street Parking Rates							
Authority to vary the on-street parking rates and hours of parking by location to reflect parking demand and utilization provided that the variation of rates is within the range approved by Council as part of the annual operating budget and the changes are consistent with the Municipal Parking Management Strategy.							(100)
Maximum on-street rate per hour ¹	4.00	4.00	4.00	0.0%	0.0%	01-Apr-23	
Maximum on-street rate per hour - motorcycle rate ¹	2.00	2.00	2.00	0.0%	0.0%	01-Apr-23	
Maximum on-street rate per hour - Tour Bus rate ¹	8.00	8.00	8.00	0.0%	0.0%	01-Apr-23	
On-Street Parking Permits							
Residential parking permit annual ^{2*}	700.00	715.00	733.00	2.5%	4.7%	01-Apr-23	
Residential parking permit monthly (no refunds) - Summer (Apr - Nov) ^{3*}	32.50	33.25	34.00	2.3%	4.6%	01-Apr-23	
Residential parking permit monthly (no refunds) - Winter (Dec - Mar) ^{3*}	152.00	155.00	159.00	2.6%	4.6%	01-Apr-23	
Residential parking permit - minimum processing fee retained on refunds *	32.50	33.25	34.00	2.3%	4.6%	01-Apr-23	
Residential Visitor Parking (no refunds) per week or less - Summer (Apr - Nov) *	8.25	8.25	8.50	3.0%	3.0%	01-Apr-23	
Residential Visitor Parking (no refunds) per week or less - Winter (Dec - Mar) *	38.00	38.75	39.75	2.6%	4.6%	01-Apr-23	

City of Ottawa
Public Works Department
Parking Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
On-Street Parking Permits continued							
Residential Visitor Parking (no refunds) up to 2 weeks - Summer (Apr - Nov) *	16.25	16.75	17.00	1.5%	4.6%	01-Apr-23	
Residential Visitor Parking (no refunds) up to 2 weeks - Winter (Dec - Mar) *	76.00	77.50	79.50	2.6%	4.6%	01-Apr-23	
Guest Parking per annum (no refunds) *	27.50	28.00	28.50	1.8%	3.6%	01-Apr-23	
Day Care Permit Parking per annum (no refunds) *	285.00	291.00	297.00	2.1%	4.2%	01-Apr-23	
Temporary Consideration Parking Permit per month (no refunds) - Summer (Apr - Nov) *	32.75	33.50	34.00	1.5%	3.8%	01-Apr-23	
Temporary Consideration Parking Permit per month (no refunds) - Winter (Dec - Mar) *	152.00	155.00	159.00	2.6%	4.6%	01-Apr-23	
Temporary Consideration Parking Permit (no refunds) per week or less - Summer (Apr - Nov) *	8.25	8.25	8.50	3.0%	3.0%	01-Apr-23	
Temporary Consideration Parking Permit (no refunds) per week or less - Winter (Dec - Mar) *	38.00	38.75	39.75	2.6%	4.6%	01-Apr-23	
Special Events Parking Permit per event per area (no refunds) *	27.50	28.00	28.50	1.8%	3.6%	01-Apr-23	
Business Identity Card per vehicle (no refunds) *	130.00	133.00	135.75	2.1%	4.4%	01-Apr-23	
Replacement permit (all except Musician and Artist Loading Permit) *	11.50	11.75	12.00	2.1%	4.3%	01-Apr-23	
Musician and Artist Loading Permit (no refunds) *	52.00	53.00	54.00	1.9%	3.8%	01-Apr-23	
Replacement permit - Musician and Artist Loading Permit*	10.50	10.75	11.00	2.3%	4.8%	01-Apr-23	
Tour Bus Parking Permit (no refunds) ¹	30.00	30.00	30.00	0.0%	0.0%	01-Apr-23	

City of Ottawa
Public Works Department
Parking Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
Off-Street Parking Rates							
Authority to adjust the parking rates in City-owned parking facilities at any time throughout the year to reflect seasonal and market adjustment provided that the rate does not exceed the upper limit as approved by Council in the annual operating budget.							
Authority to vary the parking rates in City-owned parking facilities from those for a standard vehicle for alternative modes of transportation such as motorcycles, scooters and auto-share vehicles provided that the variation in rates is consistent with the Municipal Parking Management Strategy and is within the range approved by Council as part of the annual operating budget.							
Lots 23 and 30 (Mooney's Bay & Petrie Island), parking rates and hours of operation are established by the Recreation, Cultural & Facility Services Department.							
Maximum hourly off-street rate - all lots (in increments of no greater than 30 minutes) ¹	6.00	6.00	6.00	0.0%	0.0%	01-Apr-23	
Maximum daily off-street rate - all lots ¹	24.00	24.00	24.00	0.0%	0.0%	01-Apr-23	
Maximum monthly off-street rate - all lots except lots 23 & 30 ¹	245.00	245.00	245.00	0.0%	0.0%	01-Apr-23	
Maximum seasonal off-street rate - lot 30 ¹	40.00	40.00	40.00	0.0%	0.0%	01-Apr-23	
Maximum lost ticket charge - all lots ¹	30.00	30.00	30.00	0.0%	0.0%	01-Apr-23	
Maximum replacement fee for access card or hang tag (all lots) ¹	27.00	27.50	28.00	1.8%	3.7%	01-Apr-23	

City of Ottawa
Public Works Department
Parking Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
Off-Street Lots ¹							
The maximum off-street rates listed above apply to the following parking lots:							
Lot 3 - 210 Gloucester Street	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 4 - 70 Clarence Street (ByWard Market parking garage)	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 5 - 141 Clarence Street (Dalhousie parking garage)	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 6 - 110 Laurier Avenue W. (City Hall parking garage)	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 8 - 170 Second Avenue (Glebe parking garage)	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 9 - 234-250 Slater	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 10 - 574 Bank Street	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 11 - 687 Somerset Street	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 13 - Parkdale Market	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 14 - 301 Preston Street	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	

City of Ottawa
Public Works Department
Parking Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
Off-Street Lots continued							
Lot 18 - 422 Slater Street	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 20 - 400 North River Road	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 22 - 283 Cyr Avenue	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 23 - 3000 Riverside Drive (Mooney's Bay) managed on behalf of Parks & Recreation	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Lot 30 - 795 Trim Road (Petrie Island) managed on behalf of Parks & Recreation	see above max rate	see above max rate	see above max rate	N/A	N/A	01-Apr-23	
Administration and Overhead Charges *							
Administration and overhead charge will be applied to the overall cost recovery for any works or accident recoveries undertaken by Parking Services on behalf of Federal Gov't and any agencies, provincial government and any agencies, Hydro Ottawa, school boards, universities/colleges, municipalities, general persons/parties and developers. *	15%	15%	15%	0.0%	0.0%	01-Apr-23	
Total Departmental							(100)

* HST applicable.

¹ HST included.

² Residential parking permit annual - Refund is annual fee less monthly fee (winter and/or summer) for months used less minimum processing fee.

³ Residential parking permit monthly - Refunds are possible when more than one consecutive month is purchased. Refund is monthly fee(s) less applicable monthly fee (winter and/or summer) for months used, less minimum processing fee.

Public Works Department

2023 Service Area Summary - Traffic Services

The role of Traffic Services is to manage the City's transportation network in a way that ensures an integrated, safe and efficient movement of people and goods within the city.

Programs/Services Offered

- Manage and monitor traffic flow across the nation's capital
- Operate, install and maintain all City traffic control devices including signs, pavement markings, traffic signals, traffic cameras and Pedestrian Crossovers (PXO); also administer the Adult School Crossing Guard Program
- Manage the City's right-of-way streetlight inventory while maintaining their operation
- Provide traffic engineering and street lighting expertise to internal and external stakeholders
- Provide traffic management expertise and assess traffic management plans for construction projects
- Inspect encroachments
- Provide expertise and permit approval for special events impacting the right-of-way
- Perform traffic investigations and counts
- Code and analyze collisions
- Explore and implement measures, including various technologies, to enhance the safety of all users of the road network, via programs including but not limited to the Safety Improvement Program, Pedestrian Safety Evaluation Program, Cycling Safety Improvement Program, Temporary Traffic Calming Measures Program, Red-Light Camera Program, and the Automated Speed Enforcement Program
- Coordinate and deliver the 2020 to 2024 Road Safety Action Plan
- Explore, and implement measures where appropriate, in collaboration with both internal and/or external stakeholders to the City of Ottawa, in the realm of intelligent transportation systems and Connected and Automated Vehicles

City of Ottawa
Public Works Department
Traffic Services - Operating Resource Requirement
In Thousands (\$000)

	2021	2022		2023	\$ Change over 2022 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Traffic Services	66,463	77,269	79,194	79,194	0
Gross Expenditure	66,463	77,269	79,194	79,194	0
Recoveries & Allocations	(7,538)	(6,331)	(6,331)	(6,331)	0
Revenue	(1,529)	(16,223)	(17,748)	(19,103)	(1,355)
Net Requirement	57,396	54,715	55,115	53,760	(1,355)
Expenditures by Type					
Salaries, Wages & Benefits	27,663	30,347	31,057	31,922	865
Overtime	1,181	861	861	876	15
Material & Services	29,007	30,343	30,605	29,415	(1,190)
Transfers/Grants/Financial Charges	4,000	6,978	8,641	7,871	(770)
Fleet Costs	3,587	3,887	3,177	3,427	250
Program Facility Costs	1	1	1	1	0
Other Internal Costs	1,024	4,852	4,852	5,682	830
Gross Expenditures	66,463	77,269	79,194	79,194	0
Recoveries & Allocations	(7,538)	(6,331)	(6,331)	(6,331)	0
Net Expenditure	58,925	70,938	72,863	72,863	0
Revenues By Type					
Federal	(4)	(420)	(20)	(20)	0
Provincial	812	0	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	(2,337)	(2,853)	(2,853)	(3,063)	(210)
Fines	0	(12,950)	(14,875)	(16,020)	(1,145)
Other	0	0	0	0	0
Total Revenue	(1,529)	(16,223)	(17,748)	(19,103)	(1,355)
Net Requirement	57,396	54,715	55,115	53,760	(1,355)
Full Time Equivalents			292.37	294.37	2.00

City of Ottawa
Public Works Department
Traffic Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
Traffic Data Information Fee – file copies	114.44	116.73	119.07	2.0%	4.0%	1-Apr-23	
Variable Message Board							
Per sign per day equipment rental charge	106.12	108.24	110.41	2.0%	4.0%	1-Apr-23	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost	N/A	N/A	1-Apr-23	
ATR – Pneumatic Tube Data collection							
Equipment maintenance fee per hour per unit deployed	5.55	5.66	5.77	2.0%	4.0%	1-Apr-23	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost	N/A	N/A	1-Apr-23	
Miovison Data Collection							
Device rental charge per hour per camera	10.97	11.18	11.41	2.0%	4.0%	1-Apr-23	
Processing charges – intersection, small roundabout count, large roundabout count, midblock volume (vehicles only), pathway volume	actual cost	actual cost	actual cost	N/A	N/A	1-Apr-23	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost	N/A	N/A	1-Apr-23	
Collision Data Request							
Detail collision summary report 1 to 5 locations	114.44	116.73	119.07	2.0%	4.0%	1-Apr-23	
Detail collision summary report >5 location	114.24 + hourly staff time	116.52 + hourly staff time	116.52 + hourly staff time	N/A	N/A	1-Apr-23	
Custom collision data (non-detailed summary data)	114.24 + hourly staff time	116.52 + hourly staff time	116.52 + hourly staff time	N/A	N/A	1-Apr-23	

City of Ottawa
Public Works Department
Traffic Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
ATR - Side Fire Radar							
Device Rental charge per hour per unit	3.41	3.47	3.54	2.0%	4.0%	1-Apr-23	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost	N/A	N/A	1-Apr-23	
Signal Timing Requests fee per signalized intersection	53.06	54.12	55.20	2.0%	4.0%	1-Apr-23	
Signal drawing file copies fee per intersection	26.53	27.06	27.60	2.0%	4.0%	1-Apr-23	
Traffic Signal Display Chart	204.00	208.08	212.24	2.0%	4.0%	1-Apr-23	
Pre-Development Traffic Control Devices and Street Lighting Review fee	actual cost	actual cost	actual cost	N/A	N/A	1-Apr-23	
GPRS Communication Fee monthly charge per signalized intersection.	18.04	18.40	18.77	2.0%	4.0%	1-Apr-23	
Bell Communication Fee monthly charge per signalized intersection. Fee structure changing to a flat fee in 2016	189.96	193.76	197.63	2.0%	4.0%	1-Apr-23	
City Owned Cable Communication Fee monthly charge per signalized intersection	132.65	135.30	138.01	2.0%	4.0%	1-Apr-23	
Special Event Regularory Curbside Signage (No Stopping and Tow Away Zone Signs)	76.50 per block	78.03 per block	79.59 per block	2.0%	4.0%	1-Apr-23	
Fees for late Film Permit Applications requiring road/lane closures or dedicated parking removal	200.00	200.00	200.00	N/A	N/A	1-Apr-23	
Administration and Overhead charge will be applied to the overall cost recovery for any works or accident recoveries undertaken by Traffic Operations and Maintenance on behalf of Federal Gov't and any agencies, provincial government and any agencies, Hydro Ottawa, school boards, universities/colleges, municipalities, general persons/parties and developers.	15%	15%	15%	0.0%	0.0%	1-Apr-23	

Planning, Real Estate and Economic Development Department 2023 Service Area Summary- Transportation Planning

Transportation Planning (TP) is part of the Planning, Real Estate and Economic Development (PRED) Department, a department that champions the city-building priorities from planning and managing development opportunities and transportation infrastructure, to managing City real estate for population growth and economic prosperity.

The role of Transportation Planning is to provide strategic planning to address the City's transportation growth needs in a sustainable and affordable manner.

Programs/Services Offered

- Collects data and undertakes transportation modeling and forecasting to assess infrastructure requirements
- Develops and monitors transportation policies (e.g. modal share targets)
- Plans and coordinates the implementation of new pedestrian and cycling facilities and functional planning for transit (bus, rail) and roads
- Plans and delivers the Transportation Demand Management Program including supporting new micro-mobility services
- Develops, monitors and updates strategic transportation plans (e.g. Transportation Master Plan and its supporting active transportation plans)
- Undertakes environmental assessments and consultation for major transportation infrastructure projects including new transit infrastructure for rail and bus service, and new arterial roads and road widenings
- Plans and coordinates the implementation of permanent traffic calming measures for neighbourhood streets
- Manages road modifications associated with private development applications
- Manages road, intersection and sidewalk modifications funded by developmental charges
- Undertakes functional planning and designing for road renewal and resurfacing projects

City of Ottawa
 Planning, Real Estate & Economic Development Department
 Transportation Planning - Operating Resource Requirement
 In Thousands (\$000)

	2021	2022		2023	\$ Change over 2022 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Transportation Planning	5,093	5,744	5,824	5,939	115
Gross Expenditure	5,093	5,744	5,824	5,939	115
Recoveries & Allocations	(816)	(909)	(909)	(994)	(85)
Revenue	(142)	(300)	(300)	(300)	0
Net Requirement	4,135	4,535	4,615	4,645	30
Expenditures by Type					
Salaries, Wages & Benefits	4,869	5,454	5,534	5,649	115
Overtime	10	34	34	34	0
Material & Services	92	113	213	213	0
Transfers/Grants/Financial Charges	0	0	0	0	0
Fleet Costs	0	0	0	0	0
Program Facility Costs	0	0	0	0	0
Other Internal Costs	122	143	43	43	0
Gross Expenditures	5,093	5,744	5,824	5,939	115
Recoveries & Allocations	(816)	(909)	(909)	(994)	(85)
Net Expenditure	4,277	4,835	4,915	4,945	30
Revenues By Type					
Federal	0	0	0	0	0
Provincial	0	0	0	0	0
Own Funds	(11)	(11)	(11)	(11)	0
Fees and Services	(131)	(289)	(289)	(289)	0
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	(142)	(300)	(300)	(300)	0
Net Requirement	4,135	4,535	4,615	4,645	30
Full Time Equivalents			42.00	42.00	0.00

City of Ottawa
 Planning, Real Estate & Economic Development Department
 Transportation Planning Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
Electronic Kick Scooter Fees							
Application Fee	5,000.00	10,000.00	10,000.00	0.0%	100.0%	1-Apr-23	
Application for Increase to Existing Fleet Fee	2,000.00	5,000.00	5,000.00	0.0%	150.0%	1-Apr-23	
Vehicle Fee (per vehicle)	50.00	100.00	100.00	0.0%	100.0%	1-Apr-23	
Communications and Engagement Fee (per vehicle)	10.00	20.00	20.00	0.0%	100.0%	1-Apr-23	
Compliance Fee (per vehicle)	-	130.00	130.00	0.0%	N/A	1-Apr-23	
Station Encroachment Fee	250.00	250.00	250.00	0.0%	0.0%	1-Apr-23	

Innovative Client Services Department

2023 Service Area Summary - Fleet Services

Fleet Services supports all City departments and some City boards and utilities that rely on fleet vehicles and equipment to deliver their services. Fleet is responsible for procuring, maintaining, replacing, and managing risk related to the use of the City's diverse fleet of approximately 5,000 vehicles and equipment. Fleet operates under a shared services model, charging back the majority of its costs to user departments. Fleet delivers services through nine garages located throughout the city. Maintenance support is provided on a 24/7 basis throughout the year. Fleet continues to review and streamline its processes and leverage new digital solutions to enhance the employee and client experience

In 2020, 2021, and 2022, Fleet Services led the supply of Personal Protective Equipment and other critical goods, equipment, and materials to support both the City's COVID-19 response and the vaccination roll-out while continuing to support business continuity.

Programs/Services Offered

Fleet Services includes:

- **Fleet Maintenance & Technical Services** provide regular and preventative maintenance to optimize the service life of the City's diverse fleet, manage the procurement and leasing of vehicles and equipment, transition the City's light vehicle fleet to hybrid and electric vehicles, and the development and implementation of the City's Green Fleet Strategy.
- **Fleet Safety & Driver Training** assess, orient, train, licence, monitor and authorize drivers of our diverse fleet of vehicles and equipment in support of all City programs. The Fleet Safety Team investigates, determines preventability, and recommends actions to prevent future risk events.
- **Fleet Supply Chain & Operational Support** source, procure and inventory materials to support all City operations. They monitor fuel operations and usage to ensure timely preventative maintenance of municipal vehicles. Through the use of technology, they review and manage vehicle telematics and diagnostic systems.

City of Ottawa
 Innovative Client Services Department
 Fleet Services - Operating Resource Requirement
 In Thousands (\$000)

	2021	2022		2023	\$ Change over 2022 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Fleet Sr. Manager	1,683	3,543	293	605	312
Maintenance and Technical Services	70,493	69,999	66,094	71,232	5,138
Safety and Training	3,444	2,657	2,657	2,738	81
Supply Chain and Operational Support Training	14,827	17,994	18,008	20,382	2,374
Fleet & General Stores	3,779	3,890	3,879	3,879	0
Gross Expenditure	94,226	98,083	90,931	98,836	7,905
Recoveries & Allocations	(88,316)	(89,504)	(86,492)	(94,097)	(7,605)
Revenue	(2,131)	(4,689)	(549)	(849)	(300)
Net Requirement	3,779	3,890	3,890	3,890	0
Expenditures by Type					
Salaries, Wages & Benefits	22,412	23,351	20,924	22,012	1,088
Overtime	727	936	741	778	37
Material & Services	46,552	46,741	42,691	45,616	2,925
Transfers/Grants/Financial Charges	22,950	25,703	25,703	29,558	3,855
Fleet Costs	1,366	1,295	787	787	0
Program Facility Costs	0	0	0	0	0
Other Internal Costs	219	57	85	85	0
Gross Expenditures	94,226	98,083	90,931	98,836	7,905
Recoveries & Allocations	(88,316)	(89,504)	(86,492)	(94,097)	(7,605)
Net Expenditure	5,910	8,579	4,439	4,739	300
Revenues By Type					
Federal	0	0	0	0	0
Provincial	(1,296)	(3,390)	0	(300)	(300)
Own Funds	0	0	0	0	0
Fees and Services	(835)	(1,299)	(549)	(549)	0
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	(2,131)	(4,689)	(549)	(849)	(300)
Net Requirement	3,779	3,890	3,890	3,890	0
Full Time Equivalents			194.00	196.00	2.00

City of Ottawa
 Innovative Client Services Department
 Fleet Services - User Fees

	2021 Rate \$	2022 Rate \$	2023 Rate \$	% Change Over 2022	% Change Over 2021	Effective Date	2023 Revenue (\$000)
Administration and Overhead charge will be applied to the overall cost recovery for any works undertaken by Fleet on behalf of a client for fleet maintenance							
Fuel	2%	2%	2%	0.0%	0.0%	01-Apr-23	
Parts	22%	22%	22%	0.0%	0.0%	01-Apr-23	
Labour and commercial repairs	15%	15%	15%	0.0%	0.0%	01-Apr-23	

**City Of Ottawa
2023 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000)**

Project Description	Tax Supported/ Dedicated	Rate Supported	Develop. Charges	Rate Supported Debt	Develop. Charges Debt	Tax Supported/ Dedicated Debt	Grand Total
Fleet Services							
Renewal of City Assets							
910795 Lifecycle Renewal Fleet - 2023	30,697	0	0	0	0	4,300	34,997
910796 Municipal Fleet UpFits, Facilities&Tools	280	0	0	0	0	0	280
Renewal of City Assets Total	30,977	0	0	0	0	4,300	35,277
Fleet Services Total	30,977	0	0	0	0	4,300	35,277
Integrated Roads, Water & Wastewater							
Renewal of City Assets							
906735 Bank St (Riverside-Ledbury)	6,770	11,200	80	5,000	0	4,000	27,050
906900 Main Greenfield Echo Concord et al	3,040	5,760	50	0	0	0	8,850
908139 Montreal Rd (N River Rd-St Laurent Blvd)	1,130	230	0	0	0	0	1,360
908140 City Centre Ave & Elm St	1,850	5,100	70	0	0	0	7,020
908141 ORAP Albert St-Bronson Ave-Slater St	1,150	1,110	10	100	0	1,000	3,370
908574 Grove Ave & Grosvenor	3,430	3,930	0	3,500	0	0	10,860
908581 Valley Dr Storm Sewer	700	5,850	0	0	0	0	6,550
909394 Arch - Canterbury - Plesser	6,020	9,470	0	3,500	0	700	19,690
909402 Caroline Ave - Huron Ave N	2,090	9,750	0	0	0	0	11,840
909408 Monk - Oakland -Wilton	2,360	10,130	0	0	0	0	12,490
909731 Piccadilly Ave (Wellington - Bassett)	720	2,600	0	0	0	0	3,320
909732 Maclaren St - Lyon St	1,650	9,080	0	0	0	0	10,730
909733 Pretoria Ave (Metcalf-Bank)	1,300	2,700	0	0	0	0	4,000
910089 2021 Integrated Scoping Pre/Post Eng	600	0	0	0	0	0	600
910827 2023 Integrated Scoping Pre/Post Eng	1,830	1,053	0	400	0	55	3,338
910828 2023 Road Resurfacing - CW	33,490	1,404	0	1,200	0	38,206	74,300
910829 2023 Comprehensive Asset Management	229	687	0	0	0	0	916
910830 Taunton Pl (LI) (Davidson - DeadEnd)	70	240	0	0	0	0	310
910831 Merivale Rd (Anna Ave - Carling Ave)	800	1,440	0	0	0	0	2,240
910832 Clarey - Regent - Morris - Monk et al.	340	1,800	0	0	0	0	2,140
910833 Rue de L'Eglise (Montreal - McArthur)	290	1,550	0	0	0	0	1,840
910834 Jeffery - Arundel - Farnham et al.	290	1,550	0	0	0	0	1,840
910835 Harrold - Anna - Veteran	290	1,550	0	0	0	0	1,840

City Of Ottawa
2023 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000)

Project Description	Tax Supported/ Dedicated	Rate Supported	Develop. Charges	Rate Supported Debt	Develop. Charges Debt	Tax Supported/ Dedicated Debt	Grand Total
910836 Java - Iona - Calrendon - Kenora	340	1,800	0	0	0	0	2,140
910837 Athlone - Lincoln - Edgewood - Eden	290	1,550	0	0	0	0	1,840
910838 Bay (Florence - Somerset)	120	650	0	0	0	0	770
910839 Cameron Ave - Seneca St	320	1,710	0	0	0	0	2,030
910840 Melbourne - Ravenhill	290	1,550	0	0	0	0	1,840
910841 Montfort - Alfred - Granville	270	1,470	0	0	0	0	1,740
Renewal of City Assets Total	72,068	96,914	210	13,700	0	43,962	226,854
Integrated Roads, Water & Wastewater Total	72,068	96,914	210	13,700	0	43,962	226,854
Transit Services							
Growth							
911017 2023 TMP Studies	323	0	645	0	0	0	968
911019 2023 Transit Corridor Protection	100	0	1,653	0	0	728	2,481
911020 2023 Rapid Transit EA Studies	834	0	1,666	0	0	0	2,500
911027 2023 TMP Transit Priority Network	790	0	4,136	0	0	1,279	6,205
Growth Total	2,047	0	8,099	0	0	2,007	12,153
Transit Services Total	2,047	0	8,099	0	0	2,007	12,153
Transportation Services							
Renewal of City Assets							
908597 MacKenzie King Bridge [012200-1]	1,080	0	0	0	0	1,000	2,080
909634 OR 174 Slope Stabilization	4,500	0	0	0	0	0	4,500
910101 2021 Bridge Structures - CW	6,112	0	0	0	0	1,000	7,112
910443 2022 Misc Structural Renewal - CW	1,000	0	0	0	0	200	1,200
910445 2022 Bridge Structures - CW	17,067	0	0	0	0	800	17,867
910814 2023 Buildings-Road Services	3,295	0	0	0	0	1,000	4,295
910850 2023 Preservation - CW	5,318	0	0	0	0	1,329	6,647
910851 2023 Preservation - Other	400	0	0	0	0	0	400
910852 2023 Roadway Network Engineering	1,200	0	0	0	0	300	1,500
910853 2023 Sidewalks & Pathways - CW	5,098	0	0	0	0	1,274	6,372
910854 2023 Sidewalks & Pathways - Other	350	0	0	0	0	0	350

**City Of Ottawa
2023 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000)**

Project Description	Tax Supported/ Dedicated	Rate Supported	Develop. Charges	Rate Supported Debt	Develop. Charges Debt	Tax Supported/ Dedicated Debt	Grand Total
910861 2023 Structures - Site-Specific	800	0	0	0	0	200	1,000
910862 2023 Misc Structural Renewal - CW	750	0	0	0	0	0	750
910863 2023 Structures Scoping Pre/Post Eng	600	0	0	0	0	0	600
910864 2023 Bridge Structures - CW	2,097	0	0	0	0	524	2,621
910865 2023 Bridge Preventative Maint	500	0	0	0	0	0	500
910866 2023 Structural Inspection	600	0	0	0	0	0	600
910930 2023 Street Lighting Major Replacements	2,567	0	0	0	0	0	2,567
910931 2023 LCR Traffic Control Signals	1,861	0	0	0	0	0	1,861
910932 2023 LCR Traffic Monitoring System	448	0	0	0	0	0	448
910947 2023 Pedestrian Access-Intersect & Ramp.	213	0	0	0	0	0	213
910949 Roads Equipment Replacement 2023	210	0	0	0	0	0	210
910951 Traffic Induced Vibration Remediation	1,000	0	0	0	0	0	1,000
910959 2023 Pedestrian Facilities Program	1,250	0	750	0	0	1,000	3,000
910966 Ice-Snow Control and RWIS 2023	315	0	0	0	0	0	315
910967 LCR - PWES Works Yard 2023	335	0	0	0	0	0	335
911005 Lifecycle Renewal - Parking Fac. 2023	1,080	0	0	0	0	0	1,080
911006 On-Street Facility Modification (2023)	100	0	0	0	0	0	100
911007 Lifecycle Renewal- Parking Improve 2023	400	0	0	0	0	0	400
911011 2023 Active Transportation Missing Links	700	0	0	0	0	100	800
911013 2023 Neighbourhood Traffic Calming	2,099	0	400	0	0	0	2,499
911023 2023 Aerial Mapping Services	448	672	0	0	0	0	1,120
911024 2023 Public Realm Intervention	700	0	0	0	0	0	700
911063 Hintonburg Pumphouse Cons & Public Space	800	0	0	0	0	0	800
911087 2023 Minor Sidewalk Repair	1,000	0	0	0	0	0	1,000
Renewal of City Assets Total	66,290	672	1,150	0	0	8,728	76,840
Growth							
903159 Airport Parkway (Brookfield - Hunt Club)	0	0	20,210	0	0	1,290	21,500
903163 Bank Street (Leitrim to Dun Skipper)	969	0	18,406	0	0	0	19,375
904995 Earl Grey/Centrum Underpass	30	0	10,070	0	0	500	10,600
907403 Mer Bleue (Decoeur to Renaud)	100	0	1,900	0	0	0	2,000
909042 Robert Grant (Hazeldean to Abbott)	127	0	11,913	0	0	500	12,540
910165 Carp Road (Hwy 417 to Hazeldean)	145	0	755	0	2,000	0	2,900

City Of Ottawa
2023 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000)

Project Description	Tax Supported/ Dedicated	Rate Supported	Develop. Charges	Rate Supported Debt	Develop. Charges Debt	Tax Supported/ Dedicated Debt	Grand Total
910802 2023 New Traffic Control Devices	544	0	2,174	0	0	0	2,718
910803 2023 Safety Improvement Program	569	0	569	0	0	0	1,139
910804 2023 Traffic Incident Management	90	0	363	0	0	0	453
910933 2023 Advanced Traffic management Program	90	0	363	0	0	0	453
910937 2023 Road Safety Action Program	6,350	0	0	0	0	0	6,350
910957 2023 EA Studies Arterial Roads	80	0	1,515	0	0	0	1,595
910958 2023 Major AT Structures Program	897	0	2,186	0	0	2,000	5,083
910965 Roads Services Vehicle & Equipment 2023	155	0	876	0	0	0	1,030
910968 Winter Materials Storage Facility 2023	94	0	531	0	0	0	625
910974 Works Yards Facilities -New Growth 2023	758	0	4,293	0	0	0	5,050
911008 Parking Studies - DC (2023)	120	0	0	0	0	0	120
911010 2023 Cycling Facilities Program	2,846	0	3,695	0	0	1,000	7,541
911012 2023 Transportation Demand Management	178	0	178	0	0	0	356
911014 2023 Intersection Control Measures	0	0	4,469	0	4,000	0	8,469
911015 2023 Development Sidewalks	9	0	165	0	0	0	174
911016 2023 Network Modification Program	611	0	2,983	0	0	0	3,594
911060 Bike Parking Facilities (2023)	500	0	0	0	0	0	500
Growth Total	15,261	0	87,614	0	6,000	5,290	114,165
Service Enhancements							
910927 2023 Pedestrian Countdown Signal Prog	677	0	0	0	0	0	677
910928 2023 Traffic & Pedestrian Safety Enhance	2,190	0	0	0	0	0	2,190
910929 2023 Cycling Safety Program	118	0	0	0	0	0	118
910934 2023 Pedestrian Crossover Program	564	0	0	0	0	0	564
910935 2023 Safer Roads Ottawa	474	0	0	0	0	0	474
910936 2023 Automated Speed Enforcement Camera	1,360	0	0	0	0	0	1,360
910938 2023 Pedestrian Safety Evaluation Prog	428	0	0	0	0	0	428
911028 Trim Road-OR174 Active Transportation Bridge	4,060	0	0	0	0	100	4,160
Service Enhancements Total	9,871	0	0	0	0	100	9,971
Transportation Services Total	91,423	672	88,764	0	6,000	14,118	200,977
Grand Total	196,515	97,586	97,074	13,700	6,000	64,386	475,261

City of Ottawa
Public Works Department
GM's Office & Business Support Services - Operating Resource Requirement Analysis
In Thousands (\$000)

	2022 Baseline			2023 Adjustments						2023	\$ Change over 2022 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Provincial Legislated	Growth	COVID-19	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program											
General Manager's Office	447	447	0	9	0	0	0	(20)	0	436	(11)
Business Technical Support Services	6,127	6,049	0	150	0	0	0	0	0	6,199	150
People & Performance Operations	627	627	0	14	0	0	0	0	0	641	14
Technical Operations Support Services	6,776	6,776	0	144	0	0	0	0	0	6,920	144
Gross Expenditure	13,977	13,899	0	317	0	0	0	(20)	0	14,196	297
Recoveries & Allocations	(283)	(283)	0	0	0	0	0	0	0	(283)	0
Revenue	(443)	(435)	0	0	0	0	0	0	0	(435)	0
Net Requirement	13,251	13,181	0	317	0	0	0	(20)	0	13,478	297
Expenditures by Type											
Salaries, Wages & Benefits	13,073	13,073	0	294	0	0	0	0	0	13,367	294
Overtime	52	52	0	3	0	0	0	0	0	55	3
Material & Services	740	662	0	0	0	0	0	(20)	0	642	(20)
Transfers/Grants/Financial Charges	50	50	0	20	0	0	0	0	0	70	20
Fleet Costs	0	0	0	0	0	0	0	0	0	0	0
Program Facility Costs	0	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	62	62	0	0	0	0	0	0	0	62	0
Gross Expenditures	13,977	13,899	0	317	0	0	0	(20)	0	14,196	297
Recoveries & Allocations	(283)	(283)	0	0	0	0	0	0	0	(283)	0
Net Expenditure	13,694	13,616	0	317	0	0	0	(20)	0	13,913	297
Percent of 2023 Net Expenditure Budget			0.0%	2.3%	0.0%	0.0%	0.0%	-0.1%	0.0%	2.2%	
Revenues By Type											
Federal	0	0	0	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0	0
Fees and Services	(443)	(435)	0	0	0	0	0	0	0	(435)	0
Fines	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total Revenue	(443)	(435)	0	0	0	0	0	0	0	(435)	0
Percent of 2023 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Net Requirement	13,251	13,181	0	317	0	0	0	(20)	0	13,478	297
Percent of 2023 Net Requirement Budget			0.0%	2.4%	0.0%	0.0%	0.0%	-0.2%	0.0%	2.3%	
Full Time Equivalents (FTEs)		123.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.31	0.00
Percent of 2023 FTEs			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

City of Ottawa
Public Works Department
GM's Office & Business Support Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2022 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)					
	Expense	Revenue	Net			
Deficit due to Emergency response for Derecho and Trucker Occupation.	(78)	8	(70)			
Total Surplus / (Deficit)	(78)	8	(70)			
Increase / (Decrease)						
2023 Pressure Category / Explanation	Expense	Revenue	Net 2023 Changes	FTE Impact		
Maintain Services						
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments.	297	0	297	0.00		
Council-directed increase for the Paint It Up program to reflect inflation since implementation in 2010.	20	0	20	0.00		
Total Maintain Services	317	0	317	0.00		
Increase / (Decrease)						
2023 Pressure Category / Explanation	Expense	Revenue	Net 2023 Changes	FTE Impact		
Service Initiatives / Savings						
Lower discretionary spending	(20)	0	(20)	0.00		
Total Service Initiatives / Savings	(20)	0	(20)	0.00		
Total Budget Changes	297	0	297	0.00		

City of Ottawa
Public Works Department
Roads Services - Operating Resource Requirement Analysis
In Thousands (\$000)

	2022 Baseline			2023 Adjustments						2023	\$ Change over 2022 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Provincial Legislated	Growth	COVID-19	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program											
Roads Operations	143,277	136,257	1,000	2,130	0	1,000	0	(30)	0	140,357	4,100
Gross Expenditure	143,277	136,257	1,000	2,130	0	1,000	0	(30)	0	140,357	4,100
Recoveries & Allocations	(11,138)	(11,138)	0	2,000	0	0	0	0	0	(9,138)	2,000
Revenue	(3,051)	(2,055)	0	0	0	0	0	0	(15)	(2,070)	(15)
Net Requirement	129,088	123,064	1,000	4,130	0	1,000	0	(30)	(15)	129,149	6,085
Expenditures by Type											
Salaries, Wages & Benefits	49,503	49,503	0	1,315	0	0	0	0	0	50,818	1,315
Overtime	6,469	6,469	0	0	0	0	0	0	0	6,469	0
Material & Services	58,369	52,349	1,000	815	0	1,000	0	(30)	0	55,134	2,785
Transfers/Grants/Financial Charges	0	0	0	0	0	0	0	0	0	0	0
Fleet Costs	28,918	27,918	0	0	0	0	0	0	0	27,918	0
Program Facility Costs	0	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	18	18	0	0	0	0	0	0	0	18	0
Gross Expenditures	143,277	136,257	1,000	2,130	0	1,000	0	(30)	0	140,357	4,100
Recoveries & Allocations	(11,138)	(11,138)	0	2,000	0	0	0	0	0	(9,138)	2,000
Net Expenditure	132,139	125,119	1,000	4,130	0	1,000	0	(30)	0	131,219	6,100
Percent of 2023 Net Expenditure Budget			0.8%	3.3%	0.0%	0.8%	0.0%	0.0%	0.0%	4.9%	
Revenues By Type											
Federal	(800)	0	0	0	0	0	0	0	0	0	0
Provincial	(56)	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0	0
Fees and Services	(2,195)	(2,055)	0	0	0	0	0	0	(15)	(2,070)	(15)
Fines	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total Revenue	(3,051)	(2,055)	0	0	0	0	0	0	(15)	(2,070)	(15)
Percent of 2023 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	
Net Requirement	129,088	123,064	1,000	4,130	0	1,000	0	(30)	(15)	129,149	6,085
Percent of 2023 Net Requirement Budget			0.8%	3.4%	0.0%	0.8%	0.0%	0.0%	0.0%	4.9%	
Full Time Equivalents (FTEs)		512.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	512.19	0.00
Percent of 2023 FTEs			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

City of Ottawa
Public Works Department
Roads Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2022 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)			
	Expense	Revenue	Net	
Forecasted deficit primarily due to the additional costs incurred from the derecho cleanup.	(7,020)	996	(6,024)	
Total Surplus / (Deficit)	(7,020)	996	(6,024)	
Increase / (Decrease)				
2022 Baseline Adjustment / Explanation	Expense	Revenue	Net 2023 Changes	FTE Impact
Reversal of transfer in 2022 from Sidewalk Maintenance to Infrastructure Services.	1,000	0	1,000	0.00
Total Adjustments to Base Budget	1,000	0	1,000	0.00
Increase / (Decrease)				
2023 Pressure Category / Explanation	Expense	Revenue	Net 2023 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments.	1,265	0	1,265	0.00
Increase in Fleet costs related to inflation on compensation contracts, parts, fuel, contribution to capital reserve and maintenance contracts.	2,050	0	2,050	0.00
Inflationary increase in materials & services for transportation network maintenance and for snow dump operations.	815	0	815	0.00
Total Maintain Services	4,130	0	4,130	0.00
Increase / (Decrease)				
2023 Pressure Category / Explanation	Expense	Revenue	Net 2023 Changes	FTE Impact
Growth				
Increase in purchased services due to growth in road and sidewalk networks.	1,000	0	1,000	0.00
Total Growth	1,000	0	1,000	0.00

City of Ottawa
Public Works Department
Roads Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Service Initiatives / Savings				
Decrease in discretionary spending.	(30)	0	(30)	0.00
Total Service Initiatives / Savings	(30)	0	(30)	0.00
	Increase / (Decrease)			
2023 Pressure Category / Explanation	Expense	Revenue	Net 2023 Changes	FTE Impact
User Fees & Revenues				
See following user fee schedule for details on the specific rates.	0	(15)	(15)	0.00
Total User Fees & Revenues	0	(15)	(15)	0.00
Total Budget Changes	6,100	(15)	6,085	0.00

City of Ottawa
Public Works Department
Parking Services - Operating Resource Requirement Analysis
In Thousands (\$000)

	2022 Baseline			2023 Adjustments						2023	\$ Change over 2022 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Provincial Legislated	Growth	COVID-19	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program											
Parking Operations Maintenance & Development	1,532	1,532	0	(169)	0	0	0	(7)	0	1,356	(176)
On & Off Street Operations	15,541	15,541	(13)	274	0	0	0	(18)	0	15,784	243
Gross Expenditure	17,073	17,073	(13)	105	0	0	0	(25)	0	17,140	67
Recoveries & Allocations	(8)	(8)	0	20	0	0	0	0	0	12	20
Revenue	(17,052)	(17,052)	0	0	0	0	0	0	(100)	(17,152)	(100)
Net Requirement	13	13	(13)	125	0	0	0	(25)	(100)	0	(13)
Expenditures by Type											
Salaries, Wages & Benefits	2,089	2,089	0	45	0	0	0	0	0	2,134	45
Overtime	45	45	0	0	0	0	0	0	0	45	0
Material & Services	4,613	5,433	0	100	0	0	0	(25)	0	5,508	75
Transfers/Grants/Financial Charges	3,480	2,660	(13)	(110)	0	0	0	0	0	2,537	(123)
Fleet Costs	41	41	0	0	0	0	0	0	0	41	0
Program Facility Costs	786	786	0	0	0	0	0	0	0	786	0
Other Internal Costs	6,019	6,019	0	70	0	0	0	0	0	6,089	70
Gross Expenditures	17,073	17,073	(13)	105	0	0	0	(25)	0	17,140	67
Recoveries & Allocations	(8)	(8)	0	20	0	0	0	0	0	12	20
Net Expenditure	17,065	17,065	(13)	125	0	0	0	(25)	0	17,152	87
Percent of 2023 Net Expenditure Budget			-0.1%	0.7%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.5%	
Revenues By Type											
Federal	0	0	0	0	0	0	0	0	0	0	0
Provincial	(5,700)	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0	0
Fees and Services	(11,352)	(17,052)	0	0	0	0	0	0	(100)	(17,152)	(100)
Fines	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total Revenue	(17,052)	(17,052)	0	0	0	0	0	0	(100)	(17,152)	(100)
Percent of 2023 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	
Net Requirement	13	13	(13)	125	0	0	0	(25)	(100)	0	(13)
Percent of 2023 Net Requirement Budget			-100.0%	961.5%	0.0%	0.0%	0.0%	-192.3%	-769.2%	-100.0%	
Full Time Equivalents (FTEs)		19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.00	0.00
Percent of 2023 FTEs			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

City of Ottawa
Public Works Department
Parking Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2022 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)			
	Expense	Revenue	Net	
No significant variances to report. Reduced parking revenues as a result of the covid-19 pandemic are anticipated to be offset by Provincial Safe Restart Funding. All expenditure surpluses will increase the contribution to the Parking Reserve Fund.	0	0	0	
Total Surplus / (Deficit)	0	0	0	
2022 Baseline Adjustment / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Balancing adjustment to remove the Net Requirement in the 2022 Budget	(13)	0	(13)	0.00
Total Adjustments to Base Budget	(13)	0	(13)	0.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments for Parking Services.	45	0	45	0.00
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments for Transportation Planning staff funded by Parking Services.	70	0	70	0.00
Inflationary increase to various materials and services.	100	0	100	0.00
Decrease to the contributions to the Parking Capital Reserve fund	(110)	0	(110)	0.00
Increase in Facility costs related to inflation on compensation contracts, water and heating increases, leases and maintenance contracts.	20	0	20	0.00
Total Maintain Services	125	0	125	0.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Service Initiatives / Savings				
Decrease in discretionary spending.	(25)	0	(25)	0.00
Total Service Initiatives / Savings	(25)	0	(25)	0.00

City of Ottawa
 Public Works Department
 Parking Services - Operating Resource Requirement Explanatory Notes
 In Thousands (\$000)

2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
User Fees & Revenues				
See following user fee schedule for details on specific rates.	0	(100)	(100)	0.00
Total User Fees & Revenues	0	(100)	(100)	0.00
Total Budget Changes	87	(100)	(13)	0.00

City of Ottawa
Public Works Department
Traffic Services - Operating Resource Requirement Analysis
In Thousands (\$000)

	2022 Baseline			2023 Adjustments						2023	\$ Change over 2022 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Provincial Legislated	Growth	COVID-19	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program											
Traffic Services	77,269	79,194	(1,485)	1,790	110	(350)	0	(65)	0	79,194	0
Gross Expenditure	77,269	79,194	(1,485)	1,790	110	(350)	0	(65)	0	79,194	0
Recoveries & Allocations	(6,331)	(6,331)	0	0	0	0	0	0	0	(6,331)	0
Revenue	(16,223)	(17,748)	(1,245)	0	(110)	0	0	0	0	(19,103)	(1,355)
Net Requirement	54,715	55,115	(2,730)	1,790	0	(350)	0	(65)	0	53,760	(1,355)
Expenditures by Type											
Salaries, Wages & Benefits	30,347	31,057	0	625	110	130	0	0	0	31,922	865
Overtime	861	861	0	15	0	0	0	0	0	876	15
Material & Services	30,343	30,605	(1,485)	70	0	290	0	(65)	0	29,415	(1,190)
Transfers/Grants/Financial Charges	6,978	8,641	0	0	0	(770)	0	0	0	7,871	(770)
Fleet Costs	3,887	3,177	0	250	0	0	0	0	0	3,427	250
Program Facility Costs	1	1	0	0	0	0	0	0	0	1	0
Other Internal Costs	4,852	4,852	0	830	0	0	0	0	0	5,682	830
Gross Expenditures	77,269	79,194	(1,485)	1,790	110	(350)	0	(65)	0	79,194	0
Recoveries & Allocations	(6,331)	(6,331)	0	0	0	0	0	0	0	(6,331)	0
Net Expenditure	70,938	72,863	(1,485)	1,790	110	(350)	0	(65)	0	72,863	0
Percent of 2023 Net Expenditure Budget			-2.0%	2.5%	0.2%	-0.5%	0.0%	-0.1%	0.0%	0.0%	
Revenues By Type											
Federal	(420)	(20)	0	0	0	0	0	0	0	(20)	0
Provincial	0	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0	0
Fees and Services	(2,853)	(2,853)	(100)	0	(110)	0	0	0	0	(3,063)	(210)
Fines	(12,950)	(14,875)	(1,145)	0	0	0	0	0	0	(16,020)	(1,145)
Other	0	0	0	0	0	0	0	0	0	0	0
Total Revenue	(16,223)	(17,748)	(1,245)	0	(110)	0	0	0	0	(19,103)	(1,355)
Percent of 2023 Revenue Budget			7.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	7.6%	
Net Requirement	54,715	55,115	(2,730)	1,790	0	(350)	0	(65)	0	53,760	(1,355)
Percent of 2023 Net Requirement Budget			-5.0%	3.2%	0.0%	-0.6%	0.0%	-0.1%	0.0%	-2.5%	
Full Time Equivalents (FTEs)		292.37	0.00	0.00	1.00	1.00	0.00	0.00	0.00	294.37	2.00
Percent of 2023 FTEs			0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.7%	

City of Ottawa
Public Works Department
Traffic Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2022 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)			
	Expense	Revenue	Net	
Lower revenues and lower expenses due to the delay in roll-out of Automated Speed Enforcement (ASE) locations. <i>To be offset by the ASE Reserve</i>	262	(1,925)	(1,663)	
Lower contribution to ASE reserve	1,663	0	1,663	
May 21 2022 Derecho	(938)	0	(938)	
Trucker Occupation / Motorcycle Event	(400)	400	0	
Lower compensation due to vacancies	710	0	710	
Higher Fleet costs due to aging fleet	(710)	0	(710)	
Lower operational costs due to redeployment towards the Emergencies	1,338	0	1,338	
Total Surplus / (Deficit)	1,925	(1,525)	400	
2022 Baseline Adjustment / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Lower street light energy consumption due to LED conversion	(2,210)	0	(2,210)	0.00
Annualization of Traffic Purchase Services costs to support the Automated Speed Enforcement (ASE) Program per Council Report # ACS2021-TSD-TRF-0005	725	0	725	0.00
Automated Speed Enforcement (ASE) Program Court Cost Revenues per Council Report ACS2021-TSD-TRF-0005	0	(100)	(100)	0.00
Automated Speed Enforcement (ASE) Program Revenue per Council Report ACS2021-TSD-TRF-0005	0	(1,145)	(1,145)	0.00
Total Adjustments to Base Budget	(1,485)	(1,245)	(2,730)	0.00

City of Ottawa
Public Works Department
Traffic Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments	605	0	605	0.00
Adjustment to ASE program for potential 2023 cost of living, increments and benefit adjustments	35	0	35	0.00
Increase in Fleet costs related to inflation on compensation contracts, parts, fuel, contribution to capital reserve and maintenance	250	0	250	0.00
School Guard Crossing Program rate increase	65	0	65	0.00
Fleet Allocation Costs for the Automated Speed Enforcement (ASE) Program per Council Report # ACS2021-TSD-TRF-0005	5	0	5	0.00
Annualization of Revenue Branch compensation costs to support Automated Speed Enforcement (ASE) Program per Council Report # ACS2021-TSD-TRF-0005	360	0	360	0.00
Annualization of Service Ottawa compensation costs to support Automated Speed Enforcement (ASE) Program per Council Report # ACS2021-TSD-TRF-0005	350	0	350	0.00
Funding for one temporary FTE in Public Information and Media Relations (PIMR) to support Road Safety Action Plan per Council Report ACS2021-TSD-TRF-0005	100	0	100	0.00
Legal Service's compensation cost to support Automated Speed Enforcement (ASE) Program per on Council Report # ACS2021-TSD-TRF-0005	20	0	20	0.00
Total Maintain Services	1,790	0	1,790	0.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Provincial Legislated				
One FTE to support changes to Streetlighting contract related to Motor Vehicle Accident. To be recovered from third party revenues	110	(110)	0	1.00
Total Provincial Legislated	110	(110)	0	1.00

City of Ottawa
Public Works Department
Traffic Services - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Growth				
Adult School Crossing Guards to support 10 new locations - funded from Automated Speed Enforcement Program (ASE)	125	0	125	0.00
Funding for 1 FTE in Traffic Services to support Automated Speed Enforcement (ASE) Program per Council Report ACS2021-TSD-TRF-0005	130	0	130	1.00
Traffic Purchase Services costs to support the Automated Speed Enforcement (ASE) Program per Council Report # ACS2021-TSD-TRF-0005	165	0	165	0.00
Contribution to Reserve for Safer Road Capital Fund per Council Report ACS2021-TSD-TRF-0005	(770)	0	(770)	0.00
Total Growth	(350)	0	(350)	1.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Service Initiatives / Savings				
Discretionary spending	(65)	0	(65)	0.00
Total Service Initiatives / Savings	(65)	0	(65)	0.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
User Fees & Revenues				
See following user fee schedule for details on the specific rates.	0	0	0	0.00
Total User Fees & Revenues	0	0	0	0.00
Total Budget Changes	0	(1,355)	(1,355)	2.00

City of Ottawa
 Planning, Real Estate & Economic Development Department
 Transportation Planning - Operating Resource Requirement Analysis
 In Thousands (\$000)

	2022 Baseline			2023 Adjustments						2023	\$ Change over 2022 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Provincial Legislated	Growth	COVID-19	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program											
Transportation Planning	5,744	5,824	0	115	0	0	0	0	0	5,939	115
Gross Expenditure	5,744	5,824	0	115	0	0	0	0	0	5,939	115
Recoveries & Allocations	(909)	(909)	0	(85)	0	0	0	0	0	(994)	(85)
Revenue	(300)	(300)	0	0	0	0	0	0	0	(300)	0
Net Requirement	4,535	4,615	0	30	0	0	0	0	0	4,645	30
Expenditures by Type											
Salaries, Wages & Benefits	5,454	5,534	0	115	0	0	0	0	0	5,649	115
Overtime	34	34	0	0	0	0	0	0	0	34	0
Material & Services	113	213	0	0	0	0	0	0	0	213	0
Transfers/Grants/Financial Charges	0	0	0	0	0	0	0	0	0	0	0
Fleet Costs	0	0	0	0	0	0	0	0	0	0	0
Program Facility Costs	0	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	143	43	0	0	0	0	0	0	0	43	0
Gross Expenditures	5,744	5,824	0	115	0	0	0	0	0	5,939	115
Recoveries & Allocations	(909)	(909)	0	(85)	0	0	0	0	0	(994)	(85)
Net Expenditure	4,835	4,915	0	30	0	0	0	0	0	4,945	30
Percent of 2023 Net Expenditure Budget			0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	
Revenues By Type											
Federal	0	0	0	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0	0	0	0
Own Funds	(11)	(11)	0	0	0	0	0	0	0	(11)	0
Fees and Services	(289)	(289)	0	0	0	0	0	0	0	(289)	0
Fines	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total Revenue	(300)	(300)	0	0	0	0	0	0	0	(300)	0
Percent of 2023 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Net Requirement	4,535	4,615	0	30	0	0	0	0	0	4,645	30
Percent of 2023 Net Requirement Budget			0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	
Full Time Equivalents (FTEs)		42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.00	0.00
Percent of 2023 FTEs			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

City of Ottawa
Planning, Real Estate & Economic Development Department
Transportation Planning - Operating Resource Requirement Explanatory Notes
In Thousands (\$000)

2022 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)			
	Expense	Revenue	Net	
Expenditure savings due to gapping from vacancies.	80	0	80	
Total Surplus / (Deficit)	80	0	80	
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments.	115	0	115	0.00
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments. Offset with recoveries.	(85)	0	(85)	0.00
Total Maintain Services	30	0	30	0.00
Total Budget Changes	30	0	30	0.00

City of Ottawa
 Innovative Client Services Department
 Fleet Services - Operating Resource Requirement Analysis
 In Thousands (\$000)

	2022 Baseline			2023 Adjustments						2023	\$ Change over 2022 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Provincial Legislated	Growth	COVID-19	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program											
Fleet Sr. Manager	3,543	293	0	12	0	0	300	0	0	605	312
Maintenance and Technical Services	69,999	66,094	0	4,913	0	225	0	0	0	71,232	5,138
Safety and Training	2,657	2,657	0	104	0	0	0	(23)	0	2,738	81
Supply Chain and Operational Support Training	17,994	18,008	0	2,381	0	0	0	(7)	0	20,382	2,374
Fleet & General Stores	3,890	3,879	0	0	0	0	0	0	0	3,879	0
Gross Expenditure	98,083	90,931	0	7,410	0	225	300	(30)	0	98,836	7,905
Recoveries & Allocations	(89,504)	(86,492)	0	(7,410)	0	(225)	0	30	0	(94,097)	(7,605)
Revenue	(4,689)	(549)	0	0	0	0	(300)	0	0	(849)	(300)
Net Requirement	3,890	3,890	0	0	0	0	0	0	0	3,890	0
Expenditures by Type											
Salaries, Wages & Benefits	23,351	20,924	0	713	0	225	150	0	0	22,012	1,088
Overtime	936	741	0	37	0	0	0	0	0	778	37
Material & Services	46,741	42,691	0	2,805	0	0	150	(30)	0	45,616	2,925
Transfers/Grants/Financial Charge	25,703	25,703	0	3,855	0	0	0	0	0	29,558	3,855
Fleet Costs	1,295	787	0	0	0	0	0	0	0	787	0
Program Facility Costs	0	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	57	85	0	0	0	0	0	0	0	85	0
Gross Expenditures	98,083	90,931	0	7,410	0	225	300	(30)	0	98,836	7,905
Recoveries & Allocations	(89,504)	(86,492)	0	(7,410)	0	(225)	0	30	0	(94,097)	(7,605)
Net Expenditure	8,579	4,439	0	0	0	0	300	0	0	4,739	300
Percent of 2023 Net Expenditure Budget			0.0%	0.0%	0.0%	0.0%	6.8%	0.0%	0.0%	6.8%	

City of Ottawa
 Innovative Client Services Department
 Fleet Services - Operating Resource Requirement Analysis
 In Thousands (\$000)

	2022 Baseline			2023 Adjustments						2023	\$ Change over 2022 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Provincial Legislated	Growth	COVID-19	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Revenues By Type											
Federal	0	0	0	0	0	0	0	0	0	0	0
Provincial	(3,390)	0	0	0	0	0	(300)	0	0	(300)	(300)
Own Funds	0	0	0	0	0	0	0	0	0	0	0
Fees and Services	(1,299)	(549)	0	0	0	0	0	0	0	(549)	0
Fines	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total Revenue	(4,689)	(549)	0	0	0	0	(300)	0	0	(849)	(300)
Percent of 2023 Revenue Budget			0.0%	0.0%	0.0%	0.0%	54.6%	0.0%	0.0%	54.6%	
Net Requirement	3,890	3,890	0	0	0	0	0	0	0	3,890	0
Percent of 2023 Net Requirement Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Full Time Equivalents (FTEs)		194.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	196.00	2.00
Percent of 2023 FTEs			0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	1.0%	

City of Ottawa
 Innovative Client Services Department
 Fleet Services - Operating Resource Requirement Explanatory Notes
 In Thousands (\$000)

2022 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)			
	Expense	Revenue	Net	
Increased revenues primarily from additional Fleet fuel costs to support external client operations (Bells Senseplex, Lansdown and Hydro)	(750)	750	0	
Increased expenditures related to COVID-19 offset by provincial revenue.	(3,250)	3,250	0	
Increased expenditures related to May 2022 Derecho.	(60)	0	(60)	
Provincial Grant Revenue - Fleet Services Warranty and Recovery Modernization Review.	(140)	140	0	
Increased expenditures primarily from additional Fleet costs to support winter maintenance operations.	(2,950)	0	(2,950)	
Allocation of Fleet costs to client operations.	3,010	0	3,010	
Total Surplus / (Deficit)	(4,140)	4,140	0	
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2023 cost of living, increments and benefit adjustments.	750	0	750	0.00
Inflationary impact on purchased services, parts and maintenance, fuel and contribution to capital reserve.	6,660	0	6,660	0.00
Allocation of Fleet costs to client operations.	(7,410)	0	(7,410)	0.00
Total Maintain Services	0	0	0	0.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Growth				
Additional resources to address unit growth funded by client recoveries	225	0	225	2.00
Additional resources to address unit growth funded by client recoveries	(225)	0	(225)	0.00
Total Growth	0	0	0	2.00

City of Ottawa
 Innovative Client Services Department
 Fleet Services - Operating Resource Requirement Explanatory Notes
 In Thousands (\$000)

2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	0	FTE Impact
COVID-19				
COVID-19 Vaccine Distribution support to Ottawa Public Health offset by provincial revenue.	300	(300)	0	0.00
Total COVID-19	300	(300)	0	0.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2023 Changes	FTE Impact
Service Initiatives / Savings				
Discretionary Spending Efficiencies.	(30)	0	(30)	0.00
Allocation of Fleet costs to client operations.	30	0	30	0.00
Total Service Initiatives / Savings	0	0	0	0.00
2023 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	0	FTE Impact
User Fees & Revenues				
See following user fee schedule for details on the specific rates.	0	0	0	0.00
Total User Fees & Revenues	0	0	0	0.00
Total Budget Changes	300	(300)	0	2.00

Capital Budget

**City of Ottawa
2023 Draft Capital Budget
Transportation Committee
In Thousands (\$000)**

Service Area: Fleet Services											
Category	2023 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	35,277	0	30,977	0	0	0	4,300	0	0	0	4,300
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	0	0	0	0	0	0	0	0	0	0	0
Total	35,277	0	30,977	0	0	0	4,300	0	0	0	4,300

City of Ottawa
2023 Draft Capital Budget
Service Area: Fleet Services
In Thousands (\$000)

Project Information			Financial Details				
910795 Lifecycle Renewal Fleet - 2023			Class of Estimate: Not Applicable				
Dept: Innovative Client Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026				
Reduces greenhouse gases?	Yes - Moderate Contribution	2023 Request		34,997	Projected Yearend Unspent Bal.		0
Builds climate resiliency?	No	Revenues	0	Debt			
<p>This program provides funding authority for Municipal vehicles and equipment scheduled for replacement, life extension, or major modification. The timely replacement of vehicles and equipment at the optimal point in their lifecycle (which is a combination of age and usage) has many benefits: total funding is at its lowest point, which includes both capital and operating; vehicle reliability is protected which minimizes on-the-road failures and maximizes vehicle up-time / availability. Vehicles and equipment replacement decisions are based upon such factors as vehicle age, vehicle usage, analysis of operating costs (including maintenance), as well as an assessment of the condition of the vehicles.</p> <p>Transitioning the Municipal fleet zero emission vehicles is a key action to meeting the targets under Energy Evolution. Replacement planning includes the selection and acquisition of hybrid and electric vehicles where possible and will be pursued in 2023 for light-duty vehicles (dependent on market availability).</p>	Tax Supported/ Dedicated	30,697	Tax Supported/ Dedicated Debt	4,300			
	Rate Supported	0	Rate Supported Debt				0
	Develop. Charges	0	Develop. Charges Debt				0
	Gas Tax	0	Gas Tax Debt				0
	Forecast		2023	2024	2025	2026	
	Authority	34,997	37,356	38,384	33,764		
	Spending Plan	34,997	37,356	38,384	33,764		
	FTEs	0	0	0	0		
	Operating Impact	0	0	0	0		
	910796 Municipal Fleet UpFits, Facilities&Tools - 2023			Class of Estimate: Not Applicable			
Dept: Innovative Client Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026				
Reduces greenhouse gases?	No	2023 Request		280	Projected Yearend Unspent Bal.		0
Builds climate resiliency?	No	Revenues	0	Debt			
<p>This program provides for the up-fitting / minor refurbishment of the City's municipal fleet (vehicles & equipment) as well as the acquisition, refurbishment, and replacement of municipal shop tools, fuel tanks, and equipment that has reached the end of its useful life.</p> <p>In order to maximize the optimal useful life of the City's vehicles and equipment, up-fits and minor refurbishments are required periodically. In addition, to maintain appropriate levels of service, technicians (mechanics) tools, equipment, and work areas require regular review, modernization (new technology), and re-work or redesign (small garage renovations and replacements of hoists). Costs related to improvements to the facilities (such as security cameras, etc.) and emergency generators would also be funded from this account.</p>	Tax Supported/ Dedicated	280	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		2023	2024	2025	2026	
	Authority	280	280	280	280		
	Spending Plan	280	280	280	280		
	FTEs	0	0	0	0		
	Operating Impact	0	0	0	0		

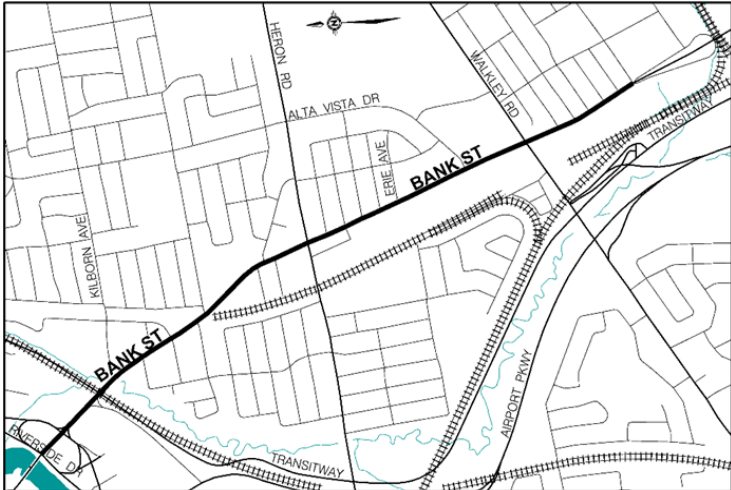
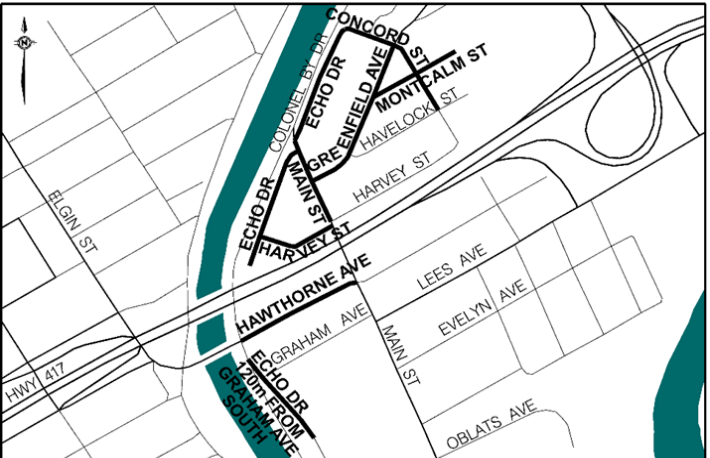
City of Ottawa
 2023 Draft Capital Budget
 Transportation Committee
 In Thousands (\$000)

Service Area: Integrated Roads, Water & Wastewater											
Category	2023 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	226,854	0	72,068	96,914	210	0	43,962	13,700	0	0	57,662
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	0	0	0	0	0	0	0	0	0	0	0
Total	226,854	0	72,068	96,914	210	0	43,962	13,700	0	0	57,662

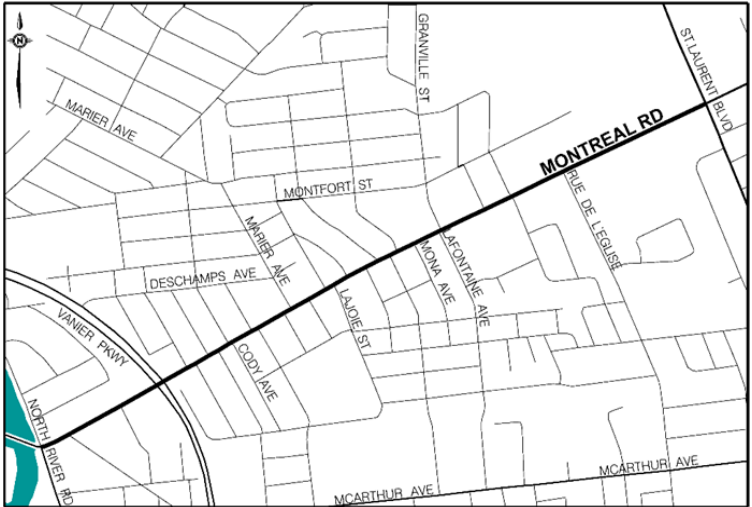
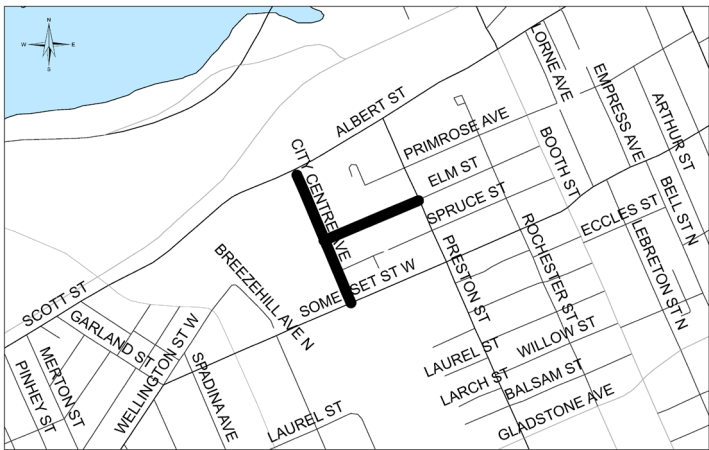
City of Ottawa
2023 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
 In Thousands (\$000)

Program Information		Financial Details			
Integrated Rehab-Intensification Areas		Class of Estimate: C) Planning			
Dept: Infrastructure & Water Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various		
Reduces greenhouse gases?	No	2023 Request	47,650	Projected Yearend Unspent Bal. 94,216	
Builds climate resiliency?	Yes - Moderate Contribution	Revenues	0	Debt	
<p>Integrated rehabilitation projects include rehabilitation of more than one asset class; roads, sanitary sewers, storm drainage, and watermains, which are coordinated within a single project. The projects identify, renew, and replace existing infrastructure assets in need of refurbishment. The Official Plan (OP) outlines the City's overall goal to expand, through intensification, in the urban areas. The Infrastructure Master Plan (IMP) supports the OP by providing guidelines to identify demands of growth funding, which is provided through the Development Charges (DC) By-law to components of infrastructure rehabilitation supporting growth objectives.</p> <p>The rehabilitation strategies for existing infrastructure, which address level of service, environmental and public health issues, provide the opportunity to generate additional capacity for growth. This is accomplished through one of the following options: providing a global system benefit with the replacement of existing infrastructure, the upsizing of existing infrastructure, reducing infiltration, or improving system hydraulics. The Integrated Rehabilitation - Intensification Areas program provides for grouping of proposed rehabilitation projects, which have identified intensification potential and are within sewer catchment areas.</p> <p>Integrated projects contribute to building climate resiliency in many ways. Renewed water systems reduce the susceptibility to frost by using more resilient materials and rebuilding below frost depth. Renewed sanitary and/or combined sewers builds resiliency to increased volume and intensity of precipitation by reducing the risks of flooding, reducing the volume and frequency of combined sewer overflows and reducing the impacts on surrounding watercourses. Road renewal builds resiliency to the impacts of freeze thaw cycles and prolongs the life of the asset. Several of the projects funded through this program will make a major contribution to climate resiliency.</p>	Tax Supported/ Dedicated	13,940	Tax Supported/ Dedicated Debt	5,000	
	Rate Supported	23,400	Rate Supported Debt	5,100	
	Develop. Charges	210	Develop. Charges Debt	0	
	Gas Tax	0	Gas Tax Debt	0	
	Forecast	2023	2024	2025	2026
Authority	47,650	71,770	16,240	60,610	
Spending Plan	23,825	50,180	34,416	47,119	
FTEs	0	0	0	0	
Operating Impact	0	0	0	0	

City of Ottawa
2023 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
 In Thousands (\$000)

Project(s) within a Program Information			Location/Description	\$000's
906735 Bank St (Riverside-Ledbury)			Class of Estimate: B) Design	27,050
Category: Renewal of City Assets	Ward: 16	Year of Completion: 2027		
<p>The existing watermains and sewers in Bank St from Riverside Dr to 150m north of Ledbury Ave are in poor condition and need replacement to improve the level of service and reduce the risk of basement flooding. Full road reconstruction including curbs and sidewalks, will be included. Enhancements with this project include: Cycle tracks along the entire length of the corridor; relocation of Hydro and other utility poles with burial being required between the Riverside's for technical reasons. In accordance with the new protected intersection guidelines, all signalized intersections will be protected intersections and there will be a half height curb between the sidewalks and cycle tracks. Total enhancements and property acquisition are estimated at \$19.6M. Construction scheduling will be phased across several years; the design process will identify the most appropriate phasing. This funding request provides for construction, property costs, utility costs, as well as other project related costs. Supplemental construction funding will be requested in future years. This funding request includes an additional \$142K contribution to Public Art. Funding Request is comprised of: Roads - \$9.73M, Water - \$7.80M, Sanitary Sewers - \$2.79M, Storm - \$5.69M and Transit \$1.040M.</p>				
906900 Main Greenfield Echo Concord et al			Class of Estimate: A) Pre-Tender	8,850
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2023		
<p>The combined sewers in Concord, Echo, Greenfield, Harvey, Main and Montcalm will be reconstructed due to age, condition and to allow for sewer separation. The existing sanitary sewers in Hawthorne will be replaced due to age & condition. The existing storm sewer in Hawthorne will be replaced due to alignment conflicts. The watermains within the project limits will be replaced due to age, condition and the presence of lead services. Full road reconstruction including curbs & sidewalks will be included. Enhancements include cycle tracks on Main, Hawthorne & Greenfield. A MUP on Echo (Hawthorne-Graham). Interlocking paver Blvd. on Hawthorne & Main. New sidewalk on Echo (Harvey-HWY 417) & a new sidewalk on Montcalm (Greenfield-Concord) as well as hydro burial and property costs. The total est. cost for enhancements and Traffic Safety improvements is \$6.7M. This request will provide for additional construction funding and other related project costs which may include property. The revised year of completion is 2027. Funding Request is comprised of: Roads - \$2.520M, Water - \$2.160M, Sanitary Sewers - \$1.640M, Storm - \$2.010M and Transit \$520K.</p>				

City of Ottawa
2023 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

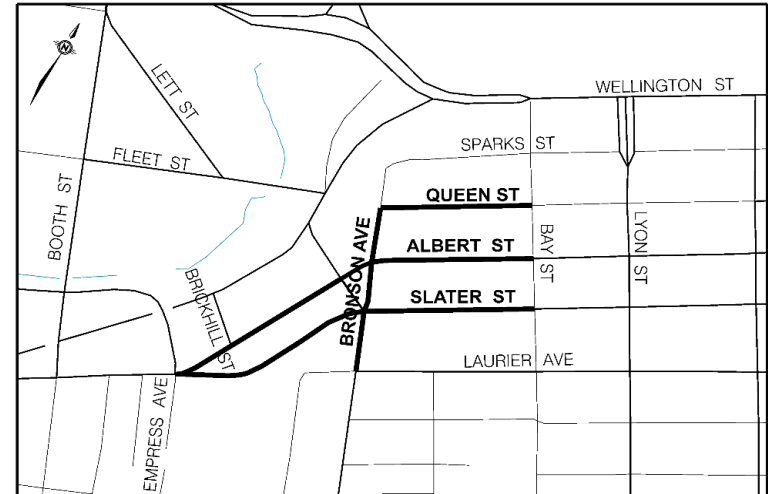
Project(s) within a Program Information			Location/Description	\$000's
908139 Montreal Rd (N River Rd-St Laurent)			Class of Estimate: A) Pre-Tender	1,360
Category: Renewal of City Assets	Ward: 12	Year of Completion: 2024		
<p>The watermains in Montreal Rd from North River Rd to St Laurent Blvd require replacement due to their age, poor condition and the presence of lead services. Sections of sanitary & storm sewers require replacement due to their age, poor condition, or to accommodate the construction of the watermain. The project will include road rehabilitation, curbs and sidewalks. Enhancements with this project include a raised cycle track on both the north side and south side of Montreal Rd from Durocher to St Laurent, wider sidewalks, a protected intersection at Vanier Pkwy, streetscaping improvements, transit priority measures, as well as the required property and hydro burial at an estimated cost of \$35M dollars. This authority request provides the additional funding required for construction costs, bus detour costs as well as other project related costs. Funding Request is comprised of: Roads - \$320K, Watermains - \$140K, Sanitary Sewers - \$40K, Storm Drainage - \$50K and Transit - \$810K.</p>				
908140 City Centre Ave & Elm St			Class of Estimate: B) Design	7,020
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2025		
<p>The aging combined sewer will be replaced with separate sanitary and storm sewers on City Centre Ave from Albert Street to Somerset St, and Elm St from City Center Ave to Preston St. The watermains require replacement due to poor condition, age and lead services. Full road reconstruction including curbs and sidewalks as well as water and sewer services to the property line will be included. Road Enhancements and Traffic Safety Measures are estimated to be approx. \$836K and include cycle tracks on City Centre Ave, a speed hump, new sidewalks, boulevards and islands and interlocking paver stones. Public Art funding is anticipated to be approximately \$48k.</p> <p>This funding request will provide for construction services and other project related costs.</p> <p>Project Estimate is comprised of: Roads - \$1.85M, Watermains \$2.80M, Sanitary Sewers - \$2.37M.</p>				

City of Ottawa
2023 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information		Location/Description	\$000's
908141 ORAP Albert St-Bronson Ave-Slater St		Class of Estimate: A) Pre-Tender	3,370
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2024	

The existing combined sewers in Albert St (Bay-Empress), Slater St (Bay-Bronson), Bronson Ave (Laurier-Queen) and Queen St (Bay-Bronson) require reconstruction due to age, condition and to allow for combined sewer separation. Combined sewer separation reduces the potential for combined sewer overflows and basement flooding. The existing watermains require reconstruction due to age and the presence of lead services. Full road reconstruction including curbs and sidewalks, will be included. Enhancements with this project include the full road realignment of the Slater St ROW between Empress Ave and Bronson Ave. Enhancements also include cycle tracks on Albert (Empress-Bay), on Slater (Albert-Bay) and on Bronson (Queen-Slater St). Total estimated cost of enhancements is \$2.011M. This funding request provides for supplemental construction costs, as well as other project related costs.

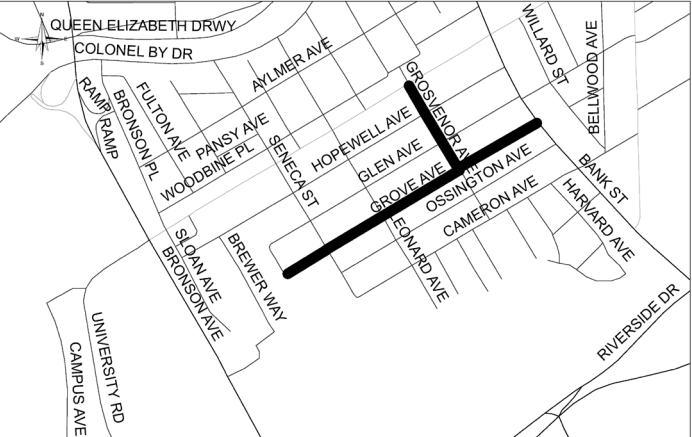
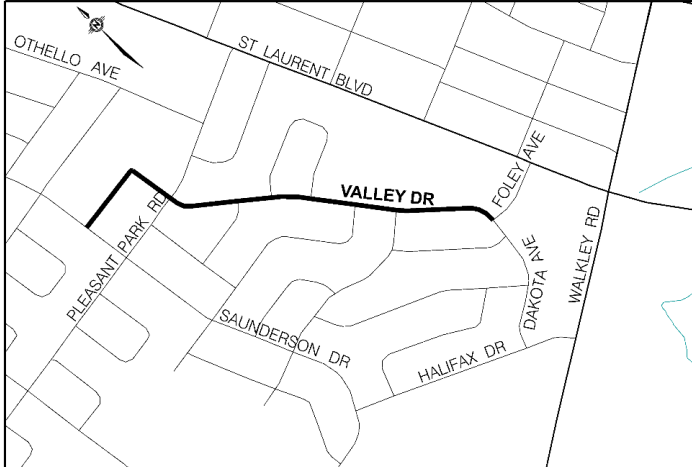
Funding Request is comprised of: Roads - \$2.15M, Watermains - \$330K, Sanitary Sewers - \$260K and Storm Drainage - \$630K.



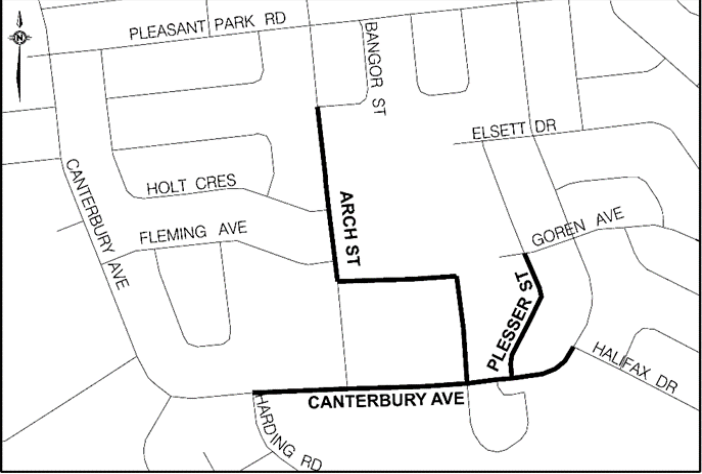
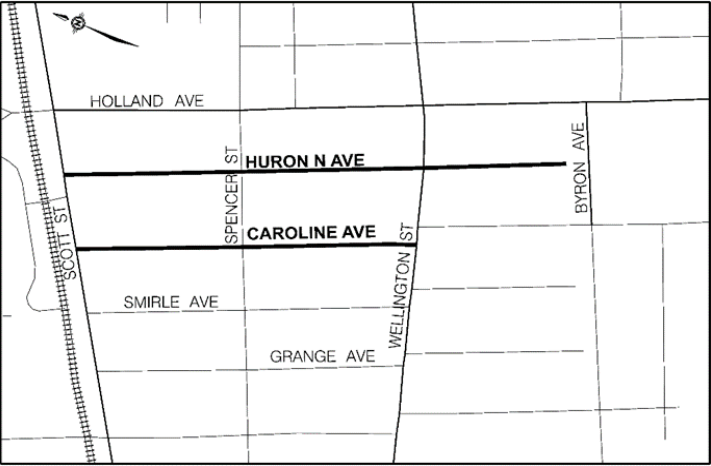
City of Ottawa
2023 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Program Information		Financial Details						
Integrated Road, Sewer & Water Program		Class of Estimate: C) Planning						
Dept: Infrastructure & Water Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various					
Reduces greenhouse gases?	No	2023 Request	179,204	Projected Yearend Unspent Bal. 39,373				
Builds climate resiliency?	Yes - Minor Contribution	Revenues	0	Debt				
<p>The integrated rehabilitation projects include rehabilitation of more than one asset class: roads, sanitary sewers, storm drainage, and watermains, which are coordinated within a single project. The program is aimed at renewing and replacing infrastructure assets, in order to provide continued service and prevent failures.</p> <p>The program is comprised of:</p> <ul style="list-style-type: none"> • Infrastructure assessment and data collection initiatives (flow monitoring, condition assessments etc.) • Project scoping and engineering • Functional and preliminary designs • Life-cycle renewal (renewal, rehabilitation and replacements for deterioration) • Coordinated renewal (schedule coordination (escalation or deferral) between asset classes and with other asset classes) • Level of service enhancements (flooding improvements and system optimization) • Enhancements coordinated with renewal (new cycling/sidewalks/streetscaping) • Upgrades and rehabilitation to support growth and miscellaneous localized repairs <p>detailed information and costs associated with specific components and projects are provided following this program summary. Forecasts are based on bulk allocations that will be detailed in future budget submissions.</p> <p>Integrated projects contribute to building climate resiliency in many ways. Renewed water systems reduce the susceptibility to frost by using more resilient materials and rebuilding below frost depth. Renewed sanitary and/or combined sewers builds resiliency to increased volume and intensity of precipitation by reducing wet weather inflow and risk of flooding. Road renewal builds resiliency to the impacts of freeze thaw cycles and prolongs the life of the asset.</p>		Tax Supported/ Dedicated	58,128	Tax Supported/ Dedicated Debt	38,962			
		Rate Supported	73,514	Rate Supported Debt	8,600			
		Develop. Charges	0	Develop. Charges Debt	0			
		Gas Tax	0	Gas Tax Debt	0			
				Forecast	2023	2024	2025	2026
				Authority	179,204	129,272	179,140	174,170
		Spending Plan	74,002	109,037	143,152	168,555		
		FTEs	0	0	0	0		
		Operating Impact	0	0	0	0		

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Project(s) within a Program Information		Location/Description	\$000's
908574 Grove Ave & Grosvenor		Class of Estimate: A) Pre-Tender	10,860
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2023	
<p>The existing watermains and sanitary sewers in Grove Ave from Seneca St to Bank St and Grosvenor Ave from Sunnyside Ave to Grove Ave require replacement due to age, condition and the presence of lead water services. Full road reconstruction or resurfacing including curbs and sidewalks will be included as required and the limits of resurfacing on Grove Ave will be extended to 110m west of Seneca St. Associated water and sewer services will be replaced to the property line. The traffic safety and enhancement measures to be implemented include: speed tables, raised intersections, bulb-outs, reduced roadway widths for 30 km/h operating speeds, and northbound painted cycle facility on Grosvenor Ave from Grove to Cameron. The total estimated cost for enhancements and traffic safety measures is \$2.5M.</p> <p>The funding is for all project related costs which may include construction and property acquisition. The funding includes a \$70k contribution to Public Art. Project Estimate is comprised of: Roads - \$3.430M, Sanitary Sewers -\$2.060M, Storm Drainage - \$1.010M and Watermains - \$4.360.</p>			
908581 Valley Dr Storm Sewer		Class of Estimate: A) Pre-Tender	6,550
Category: Renewal of City Assets	Ward: 18	Year of Completion: 2024	
<p>The Valley Dr trunk storm sewer is in need of rehabilitation due to poor condition and inadequate hydraulic capacity. The adjacent sanitary sewer and watermains will also be replaced including water and sewer services impacted by construction. The limits of this phase (1b) include Valley Dr from Foley to Saunderson Dr. The project includes full road and curb reconstruction. Enhancements include a new sidewalk on Valley Dr from Pleasant Park Rd to Foley Ave (660m). Enhancements and Traffic safety improvements total approximately \$200K.</p> <p>The budget request will provide additional construction funding as well as any other project related costs.</p> <p>Funding Request is comprised of: Roads - \$660K, Watermains - \$720K, Sanitary Sewers - \$640K, Storm Drainage - \$4.490M and Transit - \$40K.</p>			

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Project(s) within a Program Information	Location/Description	\$000's
909394 Arch - Canterbury - Plesser Class of Estimate: A) Pre-Tender 19,690		
Category: Renewal of City Assets	Ward: 18	Year of Completion: 2023
<p>The existing sanitary and storm sewers in Arch St, Canterbury Ave, and Plesser St require rehabilitation due to condition, to reduce the risk of basement flooding or where impacted by adjacent construction. The watermains require replacement due to their age and the proximity to the sanitary sewer. Full road reconstruction including curbs and sidewalks will be included as required and trench reinstatement will be implemented where appropriate. Water and sewer services impacted by construction will be replaced to the property line. Transportation enhancements with this project include cycle tracks and new sidewalks on Canterbury Ave, a new MUP on Arch St and a new sidewalk on Plesser St. Traffic safety improvements include protected raised intersections, speed humps and tables, PXO's as well as road narrowing's. The estimated costs for enhancements is \$3.4M. The funding is for all project related costs which may include construction, utility relocation and property acquisition. The contribution to public art is \$118K.</p> <p>Funding Request is comprised of: Roads - \$6.720M, Watermains - \$4.440M, Sanitary Sewers - \$5.800M and Storm Drainage - \$2.730M.</p>		
909402 Caroline Ave - Huron Ave N Class of Estimate: A) Pre-Tender 11,840		
Category: Renewal of City Assets	Ward: 15	Year of Completion: 2025
<p>The existing watermain and sanitary sewers in Caroline Ave from Scott St to Wellington St and Huron Ave from Scott St to Byron Ave require replacement due to age, condition and the presence of lead water services. The storm sewers do not require replacement unless impacted by the construction of adjacent infrastructure. Full road reconstruction including curbs and sidewalks will be included as well as associated water and sewer services will be replaced to the property line.</p> <p>Traffic safety measures include: road narrowing's, speed humps, raised medians, curb extensions and chicanes. The estimated cost for the traffic safety measures is \$5M.</p> <p>The funding request will provide construction funding and all project related costs which may include but not limited to property acquisition. The funding includes a \$71K contribution to public art.</p> <p>Project Estimate is comprised of: Roads - \$2.090M, Watermains \$4.790M, Sanitary Sewers -\$3.680M and Storm Drainage - \$1.280M.</p>		

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Project(s) within a Program Information		Location/Description	\$000's
909408 Monk - Oakland -Wilton		Class of Estimate: A) Pre-Tender	12,490
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2025	
<p>The aging combined sewers and watermains in Oakland, Wilton Ln, Wilton Cres, Woodlawn and Monk require replacement due to poor condition and lead water services. Full road reconstruction including curbs and sidewalks will be included as well as water and sewer services to the property line. There is approx. \$180K for Road Enhancements. Public Art funding is anticipated to be approximately \$84k.</p> <p>This funding request will provide for construction services and other project related costs.</p> <p>Project Estimate is comprised of: Roads - \$2.360M, Watermains - \$5.170M, Sanitary Sewers - \$4.960M.</p>			
909731 Piccadilly Ave (Wellington - Bassett)		Class of Estimate: A) Pre-Tender	3,320
Category: Renewal of City Assets	Ward: 15	Year of Completion: 2024	
<p>The aging watermain and sanitary sewers in Piccadilly from Wellington St to Bassett Ln require replacement due to age, condition and the presence of lead water services. Full road reconstruction including curbs and sidewalks will be included as required. Associated water and sewer services will be replaced to the property line. Costs for Road Enhancements/Traffic Safety Measures are not yet known. Public Art funding is anticipated to be approximately \$20k.</p> <p>This funding request will provide for construction services and other project related costs.</p> <p>Project Estimate is comprised of: Roads - \$720K, Watermains \$1.070M, Sanitary Sewers - \$730K and Storm Drainage - \$800K.</p>			

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Project(s) within a Program Information		Location/Description	\$000's
909732 Maclaren St - Lyon St		Class of Estimate: A) Pre-Tender	10,730
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2024	
<p>The aging watermain and combined sewers in Lyon from Somerset St to Florence St & Maclaren from Bronson Ave to Kent St require replacement due to age, condition and the assumed presence of lead water services (pre 1900). Full road reconstruction include extensive traffic safety features including widened sidewalks, raised intersection pedestrian crossings, mid block features and concrete barriers between lanes to protect cyclists. Associated water and sewer services will be replaced to the property line. The estimated cost for Traffic Safety Measures is \$108k. Public Art funding is anticipated to be approximately \$69k.</p> <p>The funding request will provide for construction services and other projects related costs.</p> <p>Project Estimate is comprised of: Roads - \$1.650, Watermains \$4.740M, and Sanitary Sewers -\$4.340M.</p>			
909733 Pretoria Ave (Metcalf-Bank)		Class of Estimate: A) Pre-Tender	4,000
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2024	
<p>The aging combined sewers in Pretoria Ave from Bank St to Metcalfe St require replacement due to poor condition. The watermains do not require replacement unless impacted by the construction of adjacent infrastructure. Full road reconstruction including bump outs to narrow the travel lane as a speed reduction measure, a cycle lane (QED to Metcalfe) as well as a Protected Intersection. Associated sewer services will be replaced to the property line. The estimated cost for Traffic Safety Measures is \$63k. The estimated cost for Road Enhancements is \$447k. Public Art Funding is anticipated to be approx. \$25k.</p> <p>The funding request will provide for construction services and other project related costs.</p> <p>Project Estimate is comprised of: Roads - \$1.30M, and Sanitary Sewers -\$2.70M.</p>			

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Project(s) within a Program Information			\$000's
910089	2021 Integrated Scoping Pre/Post Eng	Class of Estimate: Not Applicable	600
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>The scoping pre/post funding allows for pre-engineering and design assignments to be initiated for construction and may also allow for supplemental funding to existing projects, as well as the funding to address adjustments required beyond the project's completion.</p> <p>Project estimate is comprised of: Roads - \$600K</p>			
910827	2023 Integrated Scoping Pre/Post Eng	Class of Estimate: Not Applicable	3,338
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	
<p>The scoping pre/post funding allows for pre-engineering and design assignments to be initiated for construction and may also allow for supplemental funding to existing projects, as well as the funding to address adjustments required beyond the project's completion and to complete engineering studies in support of Local Improvement projects.</p> <p>Project estimate is comprised of: Roads - \$1.885M, Watermains \$626K, Sanitary Sewers - \$404K and Storm Drainage - \$423K.</p>			

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Project Information		Location/Description	\$000's
910828 2023 Road Resurfacing - CW		Class of Estimate: C) Planning	74,300
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>Road resurfacing provides for resurfacing and rehabilitation of the City's roadway network. It is required to extend the life of the infrastructure and prevent roadway failures requiring more extensive reconstruction. The resurfacing program includes enhancements for new paved shoulders, pavement marking and signage, pavement safety edges, and renewal of existing paved shoulders for selected roads that meet program criteria.</p>			
Ward	Location	Description	
11	Nivens Woods Park Slope Stability	Adjacent to Burrows Rd	
5	Old Second Line Rd Slope Stability	720 m South of Thomas A. Dolan Pkwy	
CW	Engineering Design For Future Construction	Locations to Be Determined	
5	Craig's Side Rd (RR Crossing Approaches)	1.2 km West of Carp Rd to 770 m West of Carp Rd	
20	Devine Road (RR Crossing Approaches)	Rockdale Rd to 365 m east of Rockdale Rd	
21	Cambrian Road (RR Crossing Approaches)	Twin Elm Rd to 370 m East of Twin Elm Rd	
21	Twin Elm Road (RR Crossing Approaches)	370 m South Of Cambrian Rd W (East Intersection) to Cambrian Rd W	
1	Wayside Ct	Des Epinettes Av West to Des Epinettes Av East	
3	Jalna Ct	Cul De Sac to Tripp Cr	
3	Tripp Cr	Malvern Dr to 140 m North of Jalna Crt	
6	Cherry Dr	Fernbank Rd to Spindle Way (West)	
6	McCooeye Ln	Neil Av to 50 m North of Carp Rd	
9	Burriss Lane	Eleanor Dr to Merivale Rd (OR 63)	
10	Glenfield Dr	Stevenage Dr to Overton Dr	
10	Overton Dr	Glenfield Dr to Stevenage Dr	
13	Clarke Av	St. Laurent Blvd (OR 26) to Claude St	
13	St. Laurent Blvd (OR 26)	40 m S of McArthur Av (OR 68) To 40 m North Of McArthur Av (OR 68)	
15	Parkdale Av (OR 71)	Wellington St (Or 36) to Armstrong St	
16	Cavan St	Edgecliffe Av to Lepage Av	
16	Cavan St	Chatelain Av to Raven Av	
16	Kamloops Av	Revelstoke Dr (West) to 70 m East Of Revelstoke Dr (West)	
17	Clementine Blvd	Heron Rd (OR 16) to Belanger Av	
1	Arbuste Av	Sequoia Dr to Jonquille Way	
1	Jonquille Way	Cox Country Rd to 85 m East of Sequoia Dr	
19	Sarsfield Rd	120 m South of Colonial Rd to Colonial Rd	

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Project Information		Location/Description	\$000's
910828 2023 Road Resurfacing - CW		Class of Estimate: C) Planning	
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
Road Resurfacing Continued			
Ward	Location	Description	
24	Lodge Rd	Prince of Wales Dr (S) to Cul-De-Sac	
3	Prince Of Wales Dr (Northbound Lane)	355 m South of Lodge Rd S to 142 m South of Lodge Rd S (Expansion Joint)	
23	Michael Cowpland Dr	Terence Matthews Cr East to Eagleson Rd (OR 49)	
5	Tall Forest Dr (Westwood Dr)	March Rd (East Intersection) to Pineridge Rd (East Intersection)	
5	Pineridge Rd	Tall Forest Dr (East Intersection) to 420 m East of Tall Forest Dr (E)	
10	Balmoral Dr	River Rd (OR 19) to Limebank Rd	
20	Hawthorne Rd Intersection	at Rideau Rd	
20	Hawthorne Rd Northbound Lane	25 m North of Rideau Rd to 60 m North of Rideau Rd	
20	Hawthorne Rd Northbound Lane	190 m North of Rideau Rd to 250 m North of Rideau Rd	
12	St. Patrick St (OR 44) Westbound	145 m East of King Edward Av to King Edward Av	
17	Lees Av (OR 66)	Chestnut St to 30 m East of Transitway Overpass	
13	Donald St	Vera St to Alesther St	
20	Saumure Rd (OR 37)	Rusland Rd to Russell Rd (OR 26)	
1, 19	Canaan Rd	1.43 km North of Etienne Rd to 930 m South of OR 174	
8	Longwood Av	Old Richmond Rd (OR 59) to Harwick Cr (West)	
19	Mer Bleue Rd	Navan Rd (OR 28) to 535 m South of Renaud Rd (#2476)	
12	King Edward Av (OR 99)	St. Andrew St to Macdonald Cartier Bridge	
12	Besserer St	Nicholas St (OR 95) to Waller St	
12	Daly Av	Colonel By Dr to Waller St (OR 37)	
6	Shea Rd	380 m South of Abbott St to 430 m North of Fernbank Rd	
4,7	Carling Av (OR 38)	180 m West Of Schneider Rd to Shirley's Bay Complex Entrance	
12, 13	McArthur Av (OR 68)	Lafontaine Av to St. Laurent Blvd (OR 26)	
12	Belisle St	McArthur Av to N/Dead End	
12	Eastwood Pl	McArthur Av to W/Dead End	
7	Moodie Dr (OR 59)	Carling Av (OR 38) to 30 m North Of Corkstown Rd (OR 18)	

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Project Information		Location/Description	\$000's
910828 2023 Road Resurfacing - CW		Class of Estimate: C) Planning	
Category: Renewal of City Assets		Ward: CW	Year of Completion: 2025
Road Resurfacing Continued			
Ward	Location	Description	
8	Moodie Dr (OR 59)	Timm Dr to 320 m South of Highway 417	
12	Nicholas St (OR 95) Southbound	Besserer St to Laurier Av (OR 48)	
5	Upper Dwyer Hill Rd (OR 3)	Grainger Park Rd to Kinburn Side Rd (OR 20)	
21	McBean St (OR 5)	Ottawa St to Royal York St	
20	Piperville Rd	Ramsayville Rd (OR 43) to Farmers Way	
16, 17	Colonel By Dr	Hog's Back Rd to Bank St Bridge	
17	Echo Dr	Colonel By Dr to Bank St (OR 31)	
19	Colonial Rd (OR 28)	Frank Kenny Rd to 160 m East Of Monseigneur Denis Ct	
20	Sale Barn Rd	Bank St (OR 31) to Parkway Rd	
16	Leopolds Dr	Revelstoke Dr to Riverside Dr (OR 19)	
16	Dorothea Dr	Kamloops Av to Kamloops Av	
20	Indian Creek Rd	Saumure Rd to 1319 m East of Saumure Rd (City Limit)	
2	Jeanne D'Arc Blvd (OR 55)	Boyer Rd to St. Joseph Blvd (OR 34)	
8	Fitzgerald Rd	Moodie Dr (OR 59) to Robertson Rd (OR 36)	
20	Cartwright Rd (OR 6A)	Victoria St (OR 6) to Boundary Rd (OR 41)	
11	Clovelly Rd (Davidson Cr)	Montreal Rd (OR 34) to Davidson Dr	
11	Rothwell Dr	Cedar Rd to Rothwell Cir	
11	Cedar Rd	Beckenham La (N) to Beckenham La (S)	
21	McCordick Rd	Roger Stevens Dr (OR 6) to Church St	
21	McCordick Rd (Discontinuous)	Mackey Rd to Pierce Rd	
21	Settler's Way	Paden Rd (E) to Paden Rd (W)	
21	McCartney St	Settler's Way (W) to Settler's Way (E)	
10	D'Aoust Av / St. Bernard St	Albion Rd to Bank St (OR 31)	
20	9th Line Rd	Victoria St (OR 6) to Mitch Owens Rd (OR 8)	
5	Pineridge Rd (Spot Repair)	45 m north of Glenview Pl	

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Project Information		Location/Description	\$000's
910828 2023 Road Resurfacing - CW		Class of Estimate: C) Planning	
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
Road Resurfacing Continued			
Road Resurfacing - Below the Line			
Ward	Location	Description	
CW	Selective Resurfacing	Locations to Be Determined	
CW	Slope Stability Remediation	Locations to Be Determined	
21	Fallowfield Rd (OR 12)	Eagleson Rd (OR 49) To Old Richmond Rd (OR 59)	
19	Trim Rd (OR 28)	Navan Rd (OR 28) to Colonial Rd (OR 28)	
10, 20	Leitrim Rd (OR 14)	Hawthorne Rd to Ramsayville (OR 14)	
21	Franktown Rd / Perth St (OR 10)	Munster Side Rd (OR 45) to Meynell Rd	
5	Fitzroy St (OR 5)	Harbour St (OR 5) to Canon Smith Rd (OR 5)	
15	Hillcrest Av	Princeton Av to Byron Av	
8, 15	Broadview Av	Carling Av (OR 38) to Dovercourt Av	
19	Wall Rd	Mer-Bleue Rd to Tenth Line Rd (OR 47)	
8	Baseline Rd (OR 16)	130 m East Of Cedarview Rd to Greenbank Rd (OR 13)	
21	Cockburn St	Strachan St to Perth Rd (OR 10)	
21	Colonel Murray St (Murray St)	Strachan St to Perth Rd (OR 10)	
21	Christopher Hamilton St (Formerly Hamilton St)	McBean St (OR 5) to Cockburn St	
20	Dowser St	Glen St to Brentwood Av	
20	McKendry Dr	Brentwood Av to Glen St	
20	Glen St	Dowser St to Mckendry Dr	
5	Bayview Dr	Ritchie Av to Doris Currie Rd	
5	Doris Currie Rd	Fireside Dr to Bayview Dr	
5	Fireside Dr	Len Purcell Dr to Doris Currie Rd	
5	Moorhead Dr	Willola Beach Rd to Dead End	
5	Willola Beach Rd	Stubble Rd to Moorhead Dr	
5	Armitage Av	West Dead End to Greenland Rd	
7	Cassels St	Britannia Rd to 500 m East Of Britannia Rd	
10, 16	Hunt Club Rd (OR 32)	Airport Parkway to Albion Rd (OR 25)	
19	Navan Rd (OR 28)	1285 m West of Mer Bleue Rd to Diamond Way	
12	Nicholas St (OR 95) Southbound	Besserer St to Laurier Av (OR 48)	
21	McBean St (OR 5)	70 m South of Strachan St to Perth St (OR 10)	
20	Boundary Rd (OR 41)	Victoria St (OR 6) to Parkway Rd	
16	Heron Rd (OR 16)	Prince of Wales Dr to 300 m East of Prince of Wales Dr	
12,17	Nicholas St (OR 95)	Mann Av to Laurier Av (OR 48)	

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Project(s) within a Program Information			\$000's
910829	2023 Comprehensive Asset Management	Class of Estimate: Not Applicable	916
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>The Comprehensive Asset Management Program provides the funding necessary to support the development of the City of Ottawa strategy and plans for asset management which set out the long term optimized approach to managing assets, derived from, and consistent with the Corporate Policy. It is the coordinating mechanism for ensuring that activities carried out on physical assets are aligned to optimally achieve the City's Strategic Plan and legislated requirements. A comprehensive asset management process equips Council and management with clear and well documented customer service levels, a clear understanding of the state of the City's physical assets, the required information to link infrastructure investments and customer outcomes and a robust process to allocate investment levels between competing priorities.</p>			


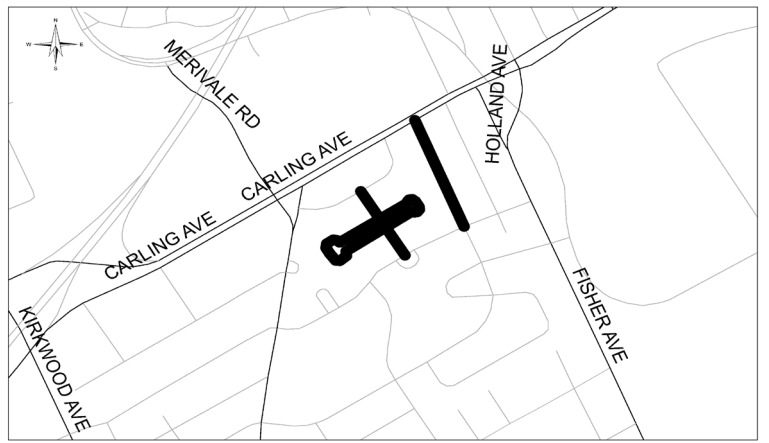
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Project(s) within a Program Information			Location/Description	\$000's
910830 Taunton PI (LI) (Davidson - DeadEnd)			Class of Estimate: C) Planning	310
Category: Renewal of City Assets	Ward: 11	Year of Completion: 2025		
<p>In early 2023, a report to Committee and Council will be brought forward by Infrastructure and Water Services Department to separately request authority approval for a sanitary sewer Local Improvement in Taunton Place, as petitioned by affected property owners. This project funding request provides the authority necessary to undertake design work for the coordinated renewal of existing water and road infrastructure with the installation of the sanitary sewer Local Improvement. The properties benefitting from the new Local Improvement sewer will be charged their representative share of the capital project cost for the Local Improvement work via a special levy pursuant to Ontario Regulation 586/06 under the Municipal Act 2001.</p> <p>This project is subject to Committee and Council approving the sanitary sewer works for Taunton Place as a Local Improvement under O.Reg.586/06.</p> <p>Funding request is comprised of – Roads -\$70K and Watermains - \$240K.</p>				
910831 Merivale Rd (Anna Ave - Carling Ave)			Class of Estimate: C) Planning	2,240
Category: Renewal of City Assets	Ward: 16	Year of Completion: 2026		
<p>The aging watermain and sanitary sewers on Merivale Rd between Carling Ave and Anna Ave require replacement due to age, condition and the assumed presence of lead water services (1945). Full road reconstruction includes curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$800K, Water - \$520K, Sanitary Sewers - \$460K and Storm - \$460K.</p>				

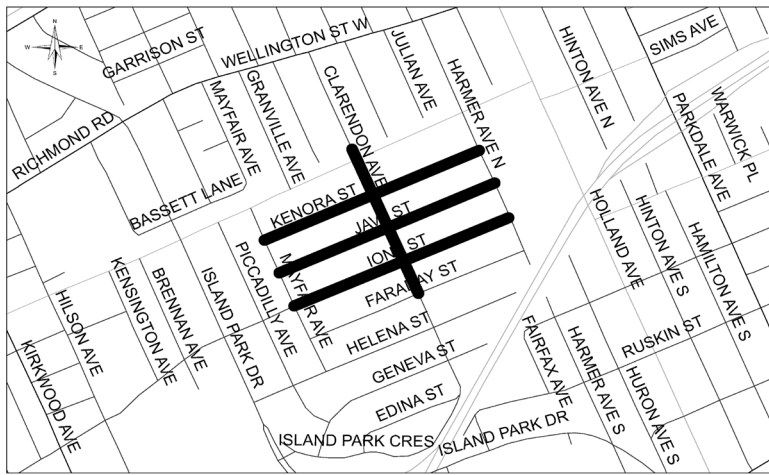
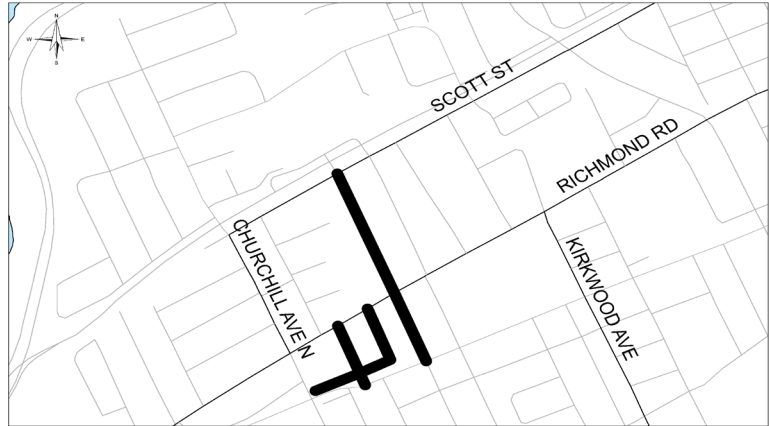
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Project(s) within a Program Information			Location/Description	\$000's
910832 Clarey - Regent - Morris - Monk et al.			Class of Estimate: C) Planning	2,140
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2026		
<p>The aging combined sewers on the street segments listed below require replacement due to age, condition and the assumed presence of lead water services (1950). Full road reconstruction will include curb and sidewalk. Efforts will be made to separate (into individual sanitary and storm systems) segments of the project currently serviced by a combined sewer system. Associated water and sewer services will be replaced to the property line.</p> <p>Road segments include: Clarey St from Bank St to Dead End, Regent St from Bank St to Dead End, Morris St from Fifth Ave to Holmwood Ave, Thorton Ave from Monk St to Ralph St, Melgrund Ave from Monk St to Ralph St and Monk St from Fifth Ave to Holmwood Ave.</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$340K, Water - \$880K, Sanitary Sewers - \$460K and Storm - \$460K</p>				
910833 Rue de L'Eglise (Montreal - McArthur)			Class of Estimate: C) Planning	1,840
Category: Renewal of City Assets	Ward: 12, 13	Year of Completion: 2026		
<p>The aging watermain and sanitary sewers on Rue de L'Eglise between Montreal Road and McArthur Ave require replacement due to age, condition and the assumed presence of lead water services (1953/1976). Full road reconstruction includes curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$290K, Water - \$750K, Sanitary Sewers - \$400K and Storm - \$400K.</p>				

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Project(s) within a Program Information			Location/Description	\$000's
910834 Jeffery - Arundel - Farnham et al.			Class of Estimate: C) Planning	1,840
Category: Renewal of City Assets	Ward: 13	Year of Completion: 2026		
<p>The aging combined sewers on the street segments listed below require replacement due to age, condition and the assumed presence of lead water services (1950). Full road reconstruction will include curb and sidewalk. The intent is to separate (into individual sanitary and storm systems) segments of the project currently serviced by a combined sewer system. Associated water and sewer services will be replaced to the property line.</p> <p>Road segments include: Jeffrey from St Laurent Blvd to Braemar, Braemar from Ava to Arundel, Kilbarry from Sandridge to Avad, Arundel from Farnham to St Laurent Blvd and Farnham from Dead End north of Arundel to Ava. The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$290K, Water - \$750K, Sanitary Sewers - \$400K and Storm - \$400K.</p>				
910835 Harrold - Anna - Veteran			Class of Estimate: C) Planning	1,840
Category: Renewal of City Assets	Ward: 16	Year of Completion: 2026		
<p>The aging watermain and sanitary sewers on the street segments listed below require replacement due to age, condition and the assumed presence of lead water services (1945). Full road reconstruction will include curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>Harrold Pl. from Dead End to Dead End Anna Ave from Crerar Ave to Carling Ave Veteran Ave from Viscount Ave to Crerar Ave</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$290K, Water - \$750K, Sanitary Sewers - \$400K and Storm - \$400K.</p>				

City of Ottawa
2023 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information	Location/Description	\$000's
910836 Java - Iona - Calrendon - Kenora Class of Estimate: C) Planning 2,140		
Category: Renewal of City Assets Ward: 15 Year of Completion: 2026		
<p>The aging watermain and sanitary sewers on the street segments listed below require replacement due to age, condition and the assumed presence of lead water services (1920). Full road reconstruction will include curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>Java St from Mayfair Ave S to Harmer Ave N Iona St from Mayfair Ave S to Harmer Ave N Clarendon Ave from Byron Ave to Faraday St Kenora St from Mayfair Ave S to Harmer Ave N</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$340K, Water - \$880K, Sanitary Sewers - \$460K and Storm - \$460K.</p>		
910837 Athlone - Lincoln - Edgewood - Eden Class of Estimate: C) Planning 1,840		
Category: Renewal of City Assets Ward: 15 Year of Completion: 2026		
<p>The aging watermain and sanitary sewers on the street segments listed below require replacement due to age, condition and the assumed presence of lead water services (1931/1944). Full road reconstruction will include curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>Athelone Ave from Scott St to Byron Ave Lincoln Ave from Edgewood Ave to Churchill Ave N Edgewood Ave from Richmond Rd to Lincoln Ave Eden Ave from Richmond Rd to Byron Ave</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$290K, Water - \$750K, Sanitary Sewers - \$400K and Storm - \$400K.</p>		

City of Ottawa
2023 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information			Location/Description	\$000's
910838 Bay (Florence - Somerset)			Class of Estimate: C) Planning	770
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2026		
<p>The aging watermain and combined sewers on Bay St from Florence to Somerset require replacement due to age, condition and the assumed presence of lead water services (1887). Full road reconstruction will include curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$120K, Water - \$310K, Sanitary Sewers - \$170K and Storm - \$170K.</p>				
910839 Cameron Ave - Seneca St			Class of Estimate: C) Planning	2,030
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2026		
<p>The aging watermain and sanitary sewers on Cameron Street from Seneca to Riverdale and on Seneca St from Grove Ave to Cameron Avenue require replacement due to age, condition and the assumed presence of lead water services (1908/1958). Full road reconstruction will include curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$320K, Water - \$830K, Sanitary Sewers - \$440K and Storm - \$440K.</p>				

City of Ottawa
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Project(s) within a Program Information			Location/Description	\$000's
910840 Melbourne - Ravenhill			Class of Estimate: C) Planning	1,840
Category: Renewal of City Assets	Ward: 15	Year of Completion: 2026		
<p>The aging watermain and sanitary and storm sewers on Melbourne Ave from Greenwood to Ravenhill Ave E, and Ravenhill Ave E from Melbourne Ave to Churchill Ave N. require replacement due to age, condition and the assumed presence of lead water services (1931/1932). Full road reconstruction will include curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$290K, Water - \$750K, Sanitary Sewers - \$400K and Storm - \$400K.</p>				
910841 Montfort - Alfred - Granville			Class of Estimate: C) Planning	1,740
Category: Renewal of City Assets	Ward: 12	Year of Completion: 2026		
<p>The aging watermain and sanitary sewers on the street segments listed below require replacement due to age, condition and the assumed presence of lead water services (1920). Full road reconstruction will include curb and sidewalk. Associated water and sewer services will be replaced to the property line.</p> <p>Montfort St from Marier Ave to Granville St Alfred St from Montreal Rd to Montfort St Granville St from Montreal Rd to Montfort St</p> <p>The funding request will initiate the design phase and provide for all project related costs which may include but not limited to property acquisition.</p> <p>Project Estimate is comprised of: Roads - \$270K, Water - \$710K, Sanitary Sewers - \$380K and Storm - \$380K.</p>				

**City of Ottawa
2023 Draft Capital Budget
Transportation Committee
In Thousands (\$000)**

Service Area: Transit Services											
Category	2023 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	0	0	0	0	0	0	0	0	0	0	0
Growth	12,153	0	2,047	0	8,099	0	2,007	0	0	0	2,007
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Service Enhancements	0	0	0	0	0	0	0	0	0	0	0
Total	12,153	0	2,047	0	8,099	0	2,007	0	0	0	2,007

City of Ottawa
2023 Draft Capital Budget
Service Area: Transit Services
 In Thousands (\$000)

Project Information			Financial Details						
911017 2023 TMP Studies			Class of Estimate: C) Planning						
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2030					
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		968	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?		Yes - Minor Contribution	Revenues	0	Debt				
<p>Supports the development and update of the City's long term transportation plans and policies, including the Transportation Master Plan (TMP). Funds are used to conduct background studies on relevant issues; acquire and analyze transportation data; develop policies and guidelines in accordance with TMP objectives; undertake studies to enable implementation of TMP policies and actions; monitor transportation trends; and other related tasks.</p> <p>This program has a minor "direct" contribution to reducing emissions from the Transportation Sector and supports the Energy Evolution Transportation Mode Shift project. While it does not directly reduce emissions or build climate resiliency, it identifies policies and projects, sets funding priorities, and guides transportation decision-making, and is therefore a critical tool for achieving the City's climate change objectives.</p>			Tax Supported/ Dedicated	323	Tax Supported/ Dedicated Debt		0		
			Rate Supported	0	Rate Supported Debt		0		
			Develop. Charges	645	Develop. Charges Debt		0		
			Gas Tax	0	Gas Tax Debt		0		
			Forecast		2023	2024	2025	2026	
			Authority	968	826	841	856		
Spending Plan	968	826	841	856					
FTEs	0	0	0	0					
Operating Impact	0	0	0	0					
911019 2023 Transit Corridor Protection			Class of Estimate: C) Planning						
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2030					
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		2,481	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?		No	Revenues	0	Debt				
<p>Supports the purchase of strategic property parcels, as they become available, for future transportation corridors and facilities, including rapid transit (bus or light rail) lines and stations, transit priority facilities, park and rides, roads, and pathways for pedestrians and cyclists. Although the opportunity to protect future corridors and facilities is achieved by land dedication as a condition of development, it may be necessary to acquire select properties in critical areas to maintain corridor integrity or provide new facilities and connections. Included in this corridor protection strategy is the acquisition of surplus railway rights-of-way and select utility corridors that become available, subject to program funding.</p> <p>This program has a minor contribution to reducing emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.</p>			Tax Supported/ Dedicated	100	Tax Supported/ Dedicated Debt		728		
			Rate Supported	0	Rate Supported Debt		0		
			Develop. Charges	1,653	Develop. Charges Debt		0		
			Gas Tax	0	Gas Tax Debt		0		
			Forecast		2023	2024	2025	2026	
			Authority	2,481	2,012	2,893	2,945		
Spending Plan	2,481	2,012	2,893	2,945					
FTEs	0	0	0	0					
Operating Impact	0	0	0	0					

City of Ottawa
2023 Draft Capital Budget
Service Area: Transit Services
In Thousands (\$000)

Project Information			Financial Details						
911020	2023 Rapid Transit EA Studies		Class of Estimate:		C) Planning				
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028					
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		2,500	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?		Yes - Minor Contribution	Revenues	0	Debt				
<p>Transitway infrastructure projects undertaken by a municipality are subject to the requirements of the Ontario EA Act and completion of an EA study is required prior to project implementation. These planning studies will be undertaken in order of priority as identified in the City's TMP. The program includes rapid transit and major transit priority projects, with active transportation connections to support multi-modal mobility. Funding is for new studies (including functional plans/designs) and for potential scope changes of current studies and other planning investigations as they arise. Upcoming EA studies: New Ottawa Hospital Pathway Connection to Dow's Lake Station; Bank St Active Transportation and Transit Operations Feasibility Study (Rideau Canal to Hwy 417). Studies consider climate change effects and recommend mitigation measures to reduce impacts, such as wider boulevards to increase the tree canopy and protect pedestrians and cyclists from the impacts of extreme heat.</p>			Tax Supported/ Dedicated	834	Tax Supported/ Dedicated Debt	0			
			Rate Supported	0	Rate Supported Debt		0		
			Develop. Charges	1,666	Develop. Charges Debt		0		
			Gas Tax	0	Gas Tax Debt		0		
			Forecast		2023	2024	2025	2026	
			Authority	2,500	1,184	1,203	1,224		
Spending Plan	2,500	1,184	1,203	1,224					
FTEs	0	0	0	0					
Operating Impact	0	0	0	0					
911027	2023 TMP Transit Priority Network		Class of Estimate:		C) Planning				
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028					
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		6,205	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?		No	Revenues	0	Debt				
<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 identified in the City's TMP, or are selected based on operating experience. Funding is for Carling Ave transit priority (Bayswater to Bronson); reconstruction of Albert/Slater (Bay to Elgin) to repurpose the transit lanes and improve cycling and pedestrian facilities in and around this corridor.</p> <p>This program has a minor contribution to reducing emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.</p>			Tax Supported/ Dedicated	790	Tax Supported/ Dedicated Debt	1,279			
			Rate Supported	0	Rate Supported Debt		0		
			Develop. Charges	4,136	Develop. Charges Debt		0		
			Gas Tax	0	Gas Tax Debt		0		
			Forecast		2023	2024	2025	2026	
			Authority	6,205	11,276	11,520	9,104		
Spending Plan	6,205	11,276	11,520	9,104					
FTEs	0	0	0	0					
Operating Impact	0	0	120	123					

**City of Ottawa
2023 Draft Capital Budget
Transportation Committee
In Thousands (\$000)**

Service Area: Transportation Services											
Category	2023 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	76,840	0	66,290	672	1,150	0	8,728	0	0	0	8,728
Growth	114,165	0	15,261	0	87,614	0	5,290	0	6,000	0	11,290
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Service Enhancements	9,971	0	9,871	0	0	0	100	0	0	0	100
Total	200,977	0	91,423	672	88,764	0	14,118	0	6,000	0	20,118

City of Ottawa
2023 Draft Capital Budget
Service Area: Transportation Services
In Thousands (\$000)

Program Information			Financial Details																																												
Buildings-Road Services			Class of Estimate: C) Planning																																												
Dept: Infrastructure & Water Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various																																												
Reduces greenhouse gases?	No	2023 Request	4,295	Projected Yearend Unspent Bal.		0																																									
Builds climate resiliency?	Yes - Minor Contribution	Revenues	0	Debt																																											
<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. When selecting materials and solutions for lifecycle projects, measures are taken to account for increased seasonal variability and extreme weather events where project budget permits. This includes, for example, reflective or metal roofing to build resilience to heat, high winds or heavy snow.</p> <p>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>200</td><td></td></tr> <tr><td>Child Care Services</td><td>275</td><td></td></tr> <tr><td>Cultural Services</td><td>2,300</td><td></td></tr> <tr><td>Fire Services</td><td>2,400</td><td></td></tr> <tr><td>General Government</td><td>3,130</td><td></td></tr> <tr><td>Public Library</td><td>2,250</td><td></td></tr> <tr><td>Long Term Care</td><td>1,675</td><td></td></tr> <tr><td>Parks & Recreation Facilities</td><td>28,425</td><td>6,200</td></tr> <tr><td>Roads Services</td><td>4,295</td><td></td></tr> <tr><td>Social Services</td><td>300</td><td></td></tr> <tr><td>Water Services</td><td>100</td><td></td></tr> <tr><td>Transit Services</td><td>3,600</td><td></td></tr> <tr><td>TOTAL Authority Request</td><td>48,950</td><td>6,200</td></tr> </tbody> </table>		Service Area	Buildings	Parks	By-Law Services	200		Child Care Services	275		Cultural Services	2,300		Fire Services	2,400		General Government	3,130		Public Library	2,250		Long Term Care	1,675		Parks & Recreation Facilities	28,425	6,200	Roads Services	4,295		Social Services	300		Water Services	100		Transit Services	3,600		TOTAL Authority Request	48,950	6,200	Tax Supported/ Dedicated	3,295	Tax Supported/ Dedicated Debt	1,000
		Service Area	Buildings	Parks																																											
		By-Law Services	200																																												
		Child Care Services	275																																												
		Cultural Services	2,300																																												
Fire Services	2,400																																														
General Government	3,130																																														
Public Library	2,250																																														
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Social Services	300																																														
Water Services	100																																														
Transit Services	3,600																																														
TOTAL Authority Request	48,950	6,200																																													
Rate Supported	0	Rate Supported Debt	0																																												
Develop. Charges	0	Develop. Charges Debt	0																																												
Gas Tax	0	Gas Tax Debt	0																																												
		Forecast	2023	2024	2025	2026																																									
		Authority	4,295	989	900	920																																									
		Spending Plan	2,148	1,783	1,606	928																																									
		FTEs	0	0	0	0																																									
		Operating Impact	0	0	0	0																																									

City of Ottawa
2023 Draft Capital Budget
Service Area: Transportation Services
In Thousands (\$000)

Project Information		Location/Description	\$000's
910814 2023 Buildings-Road Services		Class of Estimate: C) Planning	4,295
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	
<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	Location	Description	
05	Fitzroy Works Garage Office and Storage	Type II Building Condition Audit	
05	Fitzroy Works Steel Framed Sand Tent	Type II Building Condition Audit	
05	Forestry Services Building	Type II Building Condition Audit	
05	West Carleton Works Salt Dome	Interior Foundation Wall Assessment And Localized Repairs	
05	Warrington Warehouse	Investigate Moisture In Wall Sheating, Restore Foundation Wall	
05	Carp Depot Office And Garage	Repaint Garage Structural Supports	
08	Woodward Yard: Office/Garage	Fixed Ladder/Catwalk Code Review	
10	Charles Sim Municipal Workshop	Replace AHU # 1,2,3,4,6,7,8,20, Replace Roof Area 2	
11	Cyrville Depot Salt Dome 01	Structural Assessment - Wood Dome	
11	Cyrville Depot Salt Dome 02	Structural Assessment - Wood Dome	
11	Cyrville Depot Works Garage	Remove And Replace Sealant	
11	Cyrville Depot Woodwork And Welding Shop	Replace Welding Shop Roof, Replace Insulation	
12	Hurdman Yard: Sand Dome	Yearly Dome Assessment	
12	Hurdman Yard: Office/Garage	Infrared Electrical Scan, Masonry Block Repairs And Refinish Lintels/Flashing	
12	Hurdman Yard: Office/Garage	Investigation - Structural Steel Base In Maintenance Garage	
15	Loretta Signals And Communication Centre	Structural Investigation, Sprinkler System Review	
16	Clyde Avenue Municipal Fleet Garage	Investigate Sagging Of Floor In The Lunchroom	
16	Clyde Ave Salt Dome	Repair Roof Framing	
18	Industrial Office/Garage/Paramedic Post	Replace Fire Alarm System, Replace Lighting, Masonry Veneer Repairs	
19	Navan Depot Sand And Salt Storage	Type II Building Condition Audit	
19	Leonard Depot Equipment Depot And Office	Roof Replacement	
20	Metcalfe Roads Garage Sand Storage	Type II Building Condition Audit	
21	Manotick Depot Office Trailer	Investigate Gypsum Wall For Mould	
21	Manotick Depot 100 Sand And Salt Dome	Restore Concrete Foundation Wall, Repair Roof Framing	
21	Manotick Depot Office And Garage	Replace Slabs On Grade In Vehicle Repair And Storage Areas	
CW	City Wide: Roads Services Facilities	Unscheduled Works : Overhead Doors	
CW	City Wide: Roads Services Facilities	Unscheduled Works : Roads Services	

City of Ottawa
2023 Draft Capital Budget
Service Area: Transportation Services
 In Thousands (\$000)

Program Information		Financial Details			
Preservation Treatment		Class of Estimate: C) Planning			
Dept: Infrastructure & Water Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various		
Reduces greenhouse gases?	No	2023 Request	14,047	Projected Yearend Unspent Bal. 1,100	
Builds climate resiliency?	Yes - Moderate Contribution	Revenues	0	Debt	
<p>The Preservation Treatment program restores and extends the life of the City's existing roadway infrastructure. Funding provides for pavement resurfacing costs, as well as curb repairs and base repairs where necessary. Candidates are selected on condition, usage, and coordination with other infrastructure requirements.</p> <p>Detailed information and costs associated with specific components and projects directly follows this program summary page. Forecasts are based on bulk allocations that will be detailed in future budget submissions.</p> <p>Select projects under this program in 2023 provide a major contribution to building resiliency to climate change, notably slope stabilization along OR 174 to protect against erosion during spring freshet flooding. Roadway network engineering studies will also support road design for flood protection.</p>		Tax Supported/ Dedicated	12,418	Tax Supported/ Dedicated Debt	1,629
		Rate Supported	0	Rate Supported Debt	0
		Develop. Charges	0	Develop. Charges Debt	0
		Gas Tax	0	Gas Tax Debt	0
		Forecast	2023	2024	2025
Authority	14,047	14,687	9,827	10,467	
Spending Plan	7,024	11,558	12,029	11,119	
FTEs	0	0	0	0	
Operating Impact	0	0	0	0	

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Project(s) within a Program Information			\$000's
909634 OR 174 Slope Stabilization		Class of Estimate: A) Pre-Tender	
Category: Renewal of City Assets	Ward: 19	Year of Completion: 2022	
<p>This project consists of design and Phase 1 construction of Ottawa River slope stabilization along OR 174 from 1.4 km to 2.4 km east of Trim Rd. This funding supplements previous authority for design. Additional funding will be requested for Phase 2 construction. The project provides a major contribution to climate resiliency as it will stabilize the riverbank to protect the road against erosion as experienced during significant spring runoff over the last five years.</p>			
910851 2023 Preservation - Other		Class of Estimate: C) Planning	
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>Preservation treatments (micro-surfacing / hot mix asphalt resurfacing / slurry seal and surface treatment technologies / crack repairs / crack sealing) and miscellaneous pavement and roadside repairs to extend the service life of the road, before more extensive resurfacing or reconstruction needs arise. This project is for work to be delivered by a boundary municipality or another City department.</p>			
910852 2023 Roadway Network Engineering		Class of Estimate: C) Planning	
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>This project provides funding to ensure the sustained performance of the City's roadway, sidewalk and pathway networks in support of the capital renewal program. The funding is primarily focused on pre-engineering work including geotechnical assessment, vibration testing, pavement markings, safety audits, traffic data, environmental screening, pavement management of the City's roadway network, and miscellaneous studies.</p>			

City of Ottawa
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Project Information		Location/Description	\$000's
910850 2023 Preservation - CW		Class of Estimate: C) Planning	6,647
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>Preservation treatments (micro-surfacing / hot mix asphalt resurfacing / slurry seal and surface treatment technologies / crack repairs) are applied to existing roadway pavements to extend their service life, before more extensive and higher cost resurfacing needs arise. These interventions are done before lifecycle renewal is required, and are typically in better overall condition than the road resurfacing projects.</p>			
Ward	Location	Description	
19	Dunning Rd (OR 35)	Russell Rd (OR 26) To Colonial Rd (OR 28)	
5	Loggers Way	Rabbit Path Togaletta Side Rd (OR 22)	
21	Pollock Rd	Malakoff Rd To Fourth Line Rd (OR 5)	
21	Second Line Rd South	Roger Stevens Dr To Century Road East	
5	Old Almonte Rd	David Manchester Rd To Northshire Dr	
20	9th Line Rd	Victoria St To Mitch Owens Rd	
20	Marionville Rd	8th Line Rd To 9th Line Rd	
20	Marionville Rd	9th Line Rd To Yorks Corners Rd	
20	Marionville Rd	Yorks Corners Rd To Bisson Rd (North Dundas Twp)	
21	Pierce Rd	McCordick Rd To Malakoff Rd	
19	O'Toole Rd	Wilhaven Dr To Innes Rd (OR 30)	
CW	City-Wide Crack Sealing	Locations To Be Determined	
	Below the Line:		
CW	Selective Pavement Sections	Locations To Be Determined	
20,22	Earl Armstrong Rd (Armstrong)	525 m East Of Bowesville Rd to High Rd	
5	Headpond Rd	North Dead End to 90-degree bend	
21	McCordick Rd	Century Rd to Harbison Rd	
21	McCordick Rd	Harbison Rd to Carsonby Rd	
21	McCordick Rd	Carsonby Rd to Pollock Rd	
21	McCordick Rd	Pollock Rd to Roger Stevens Dr (OR 6)	
21	McCordick Rd	Church St to Pierce Rd	
21	McCordick Rd	Pierce Rd to Lockhead Rd	
21	McCordick Rd	Lockhead Rd to Mackey Rd	
5	Loggers Way	Mississippi Dr to North Dead End	

City of Ottawa
2023 Draft Capital Budget
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 In Thousands (\$000)

Project Information		Location/Description	\$000's
910951 Traffic Induced Vibration Remediation		Class of Estimate: C) Planning	1,000
Category: Renewal of City Assets Ward: CW		Year of Completion: 2025	
<p>To address traffic induced vibrations issues; typically on roads that are not prioritized for resurfacing. This program will be delivered through Design and Construction, Public Works or other City departments, as applicable.</p>			
Ward	Location	Description	
14	O'Connor St	40 m North Of Cooper St to 10 m South of Cooper St	
7	Dovercourt Ave	Westminster Ave to Mansfield Ave	
2	Innes Rd	50 m East Of Eastpark Dr (West Leg) to 160 m East of Eastpark Dr. (West Leg)	
15	Kirkwood Av (OR 67)	Iona St to Geoffrey St.	
20	Albion Rd	65 m North Of Tullamore to Killymoon Way	
CW	Selective Resurfacing	Locations To Be Determined	

City of Ottawa
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Service Area: Transportation Services
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Program Information			Financial Details				
Sidewalk & Curb Rehabilitation			Class of Estimate: C) Planning				
Dept:	Infrastructure & Water Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various			
Reduces greenhouse gases?	Yes - Minor Contribution		2023 Request	7,722	Projected Yearend Unspent Bal.		
Builds climate resiliency?	No		Revenues	0	Debt		
<p>The Sidewalk and Pathway Program addresses annual rehabilitation requirements for the City's sidewalk network, in order to provide continued service. This program specifically addresses continuous sections of curbs and sidewalks that have deteriorated to a point requiring replacement, and are not subject to reconstruction as part of an integrated road, sewer, or water project. Program funding requirements help to support the Ottawa Pedestrian Plan objectives.</p> <p>Detailed information and costs associated with specific components and projects directly follow this program summary page. Forecasts are based on bulk allocations that will be detailed in future budget submissions.</p>			Tax Supported/ Dedicated	6,448	Tax Supported/ Dedicated Debt	1,274	
			Rate Supported	0	Rate Supported Debt	0	
			Develop. Charges	0	Develop. Charges Debt	0	
			Gas Tax	0	Gas Tax Debt	0	
			Forecast	2023	2024	2025	2026
			Authority	7,722	10,370	10,390	11,010
Spending Plan	4,361	7,702	9,850	10,696			
FTEs	0	0	0	0			
Operating Impact	0	0	0	0			

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Project Information		Location/Description	\$000's
910853 2023 Sidewalks & Pathways - CW		Class of Estimate: C) Planning	6,372
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	

This project provides funding for reconstruction of existing sidewalks and pathways that are nearing the end of useful service life, and are not subject to reconstruction as part of a coordinated road, sewer, or water construction project.

Ward	Construction Funding Location	Description	
CW	Sidewalk Renewal (road resurfacing-related)	Locations TBD within limits of Road Resurfacing projects	
16	Merivale Rd (OR 17) (West Sidewalk)	Morisset Av to 60 m South of Kirkwood Av	
19	Colonial Rd (OR 28) (North Sidewalk)	95 m West of Dessaint St to 95 m East of Monseigneur-Denis Ct	
19	Colonial Rd (OR 28) (South Sidewalk)	95 m West Of Dessaint St to 136 m East of Sarsfield Rd	
12	Belisle St (East Sidewalk)	McArthur Av to North Dead End	
13	Donald St (Both sidewalks)	Lola St to Alesther St	
3	Tripp Cr (West Sidewalk, Discontinuous)	50 m West of Jalna Cr to 110 m West of Leetom Cr	
9	Burris Ln (East Sidewalk)	22 m North of Eleanor Dr to 32 m North of Eleanor Dr	
15	Parkdale Av (OR 71) (Discontinuous)	Wellington St W to Armstrong St	
16	Cavan St (East Sidewalk)	Chatelain Av to Raven Av & Edgecliffe Av to Lepage Av	
23	Michael Cowpland Dr (North Sidewalk)	Terence Matthews Cr East to Eagleson Rd (OR 49)	
8	Moodie Dr (OR 59) (MUP)	30 m South of Carling Av (OR 38) to 110 m South of Carling Av (OR 38)	
7, 8	Woodroffe Av (Both Sidewalks)	Hwy 417 IC127 Ramp 25 to Carling Av (OR 38)	
5	Harbour St (East Sidewalk)	Nicholson St to Crossland Dr	
5	Fitzroy St (OR 5) (Both Sidewalks)	Harbour St to Old Ship Rd	
12	Cumberland St (Both Sidewalks)	75 m South of Laurier Av East to Laurier Av East	
12	Cumberland St (East Sidewalk)	40 m North of Laurier Av to 90 m North of Laurier Av	
16	Prince Of Wales Dr (West Sidewalk)	Normandy Cr (S) to Normandy Cr (N)	
16	Prince Of Wales Dr (East Sidewalk)	Falaise Rd/Kochar Dr (N) to Melfa Cr (S)	
16	General Av (Both Sides)	Anna Ave to Anna Ave	
13	Frances St (West Sidewalk)	Queen Mary St to King George St	
23	Kakulu Rd (North Sidewalk)	Castlefrank Rd to Anik Way	
21	Manotick Main St (East Sidewalk)	O'Grady St to Currier St	

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Project Information		Location/Description	\$000's
910853 2023 Sidewalks & Pathways - CW		Class of Estimate: C) Planning	6,372
Category: Renewal of City Assets Ward: CW		Year of Completion: 2025	
Sidewalks and Pathways-CW Continued			
	Construction Funding		
Ward	Location	Description	
4	The Parkway (South Sidewalk)	185 m West of Teron Rd to 117 m West of Teron Rd	
18	Tremblay Rd (South Sidewalk Link To Path)	70 m East of Riverside Dr to 120 m East of Riverside Dr	
11	Major Pathway - Queensway Park/Hydro	Stonehenge Cr to James Naismith Dr	
12	Major Pathway - Robinson Field	Hurdman Rd to Chapel Cres	
23	Major Pathway - Clarence Maheral Park	Castlefrank Rd to Rothesay Dr	
23	Major Pathway - Shetland Park/Hydro Corridor	Shetland Way to 170 m East of Steeple Chase Dr West	
23	Major Pathway - Castlefrank Rd (East Side)	Hazeldean Rd (OR 36) to Katimavik Rd	
16	Sawmill Creek Path (Discontinuous)	1.2 km South of Walkley Rd to 700 m South of Walkley Rd	
18	Major Pathway	Pleasant Park Rd to Lamira St	
10	Pathway Link	Walkley Rd to St. Laurent Blvd (Opposite Thurston Dr)	
16	Multi-Use Pathway Link (Arnott Park)	Hartman Cr to Walkley Rd	
2	Major Pathway - Bearbrook Park	Bearbrook Rd to 130 m North of Innes Rd	
2	Major Pathway - North Vineyard Park	Jeanne D'Arc Blvd N to 220 m West of Jeanne D'Arc Blvd N	
11	Multi-Use Pathway Link	St. Laurent Blvd to Michael St	
23	Multi-Use Pathway Link	Nanook Cres to Kakulu Rd	
	Design Funding		
Ward	Location	Description	
15	Denbury Av (East Sidewalk)	Dovercourt Av to Princeton Av	
16	Arnot Rd (East Sidewalk)	Dynes Rd to 130 m North of Dynes Rd	
7	Richmond Rd (Both Sidewalks)	Bayshore Dr to Pinecrest Rd	
4	Major Pathway - Terry Fox Dr	Herzberg Rd to March Valley Rd (W)	
23	Major Pathway - Hydro Corridor	Equestrian Dr to Bridgestone Dr	
9	Major Pathway - Greenbank Rd (OR 13)	West Hunt Club Rd (OR 32) to Fallowfield Rd (OR 12)	

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Project Information		Location/Description	\$000's
910853 2023 Sidewalks & Pathways - CW		Class of Estimate: C) Planning	6,372
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
Sidewalk and Pathways - CW			
Design Funding Continued			
Below the Line:			
Ward	Location	Description	
CW	Selective Sidewalk And Pathways	Locations to Be Determined	
7, 8	Major Pathway - Holly Acres Rd (Both Sides)	Richmond Rd to Aero Dr	
6	Johnwoods Mup Or Sidewalk	Rosehill Av to Hazeldean Rd	
7	Lockhart Av (West Sidewalk)	Saville Row to Byron Av	
7	Dumaurier St (North Sidewalk)	Pinecrest Rd to 490 m West of Pinecrest Rd	
7	Ramsay Cr (Both Sidewalks)	Dumaurier St West to Dumaurier St East	
7	Poulin Av (East Sidewalk)	Richmond Rd to 100 m North Of Richmond Rd	
7	Richmond Rd (Both Sidewalks)	Poulin Av to Croydon Av	
11	Montreal Rd (South Sidewalk)	Gatestone Private to Sinclair St	
10	Cahill Dr (Both Sidewalks)	Albion Rd South to Southport Dr	
13	Bathgate Dr (Both Sidewalks)	Den Haag Dr to Gulf Pl	
16	Laperriere Av (Both Sidewalks)	Clyde Av to Kirkwood Av	
11	Meadowbrook Rd (West Sidewalk)	Dondale St to Bortolotti Cr (South)	
10	Major Pathway - Russell Boyd Park	St. Bernard St to Levadia Av	
23	Major Pathway - Beaufort Park	Beaufort Dr to Katimavik Rd	
17	Glebe Av Cycling Lanes	Bronson Av to Lyon St South	
17	O'Connor St Bike Lanes South Of Highway 417	Glebe Av to Pretoria St	
14, 17	Percy St Cycle Track Renewal	Flora St to Chamberlain Av	
5	Donald B Munro Dr - Cycling Connection (Paved	Meadowridge Circle to March Rd	
12	Daly Av (North Sidewalk)	Nicholas St to Waller St	


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Project(s) within a Program Information			\$000's
910854	2023 Sidewalks & Pathways - Other	Class of Estimate: C) Planning	350
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>This project provides funding for reconstruction of existing sidewalks and pathways that have deteriorated to a point requiring replacement, and are not subject to reconstruction as part of a coordinated road, sewer, or water construction project. This project is for work to be delivered by a boundary municipality or another City department.</p>			
911087	2023 Minor Sidewalk Repair	Class of Estimate: C) Planning	1,000
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>This project provides funding for reconstruction of localized sidewalks City Wide that have deteriorated to a point requiring replacement. These works are typically to address small areas of localized repairs, and which are not subject to reconstruction as part of a larger sidewalk reconstruction or coordinated road-sewer-watermain construction project. The program is to be delivered by Infrastructure Services.</p>			

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Program Information			Financial Details				
Structures - Transportation			Class of Estimate: C) Planning				
Dept:	Infrastructure & Water Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various			
Reduces greenhouse gases?	No		2023 Request	34,330	Projected Yearend Unspent Bal.	11,108	
Builds climate resiliency?	No		Revenues	0	Debt		
<p>The Structures Program provides for rehabilitation and reconstruction work undertaken on the City's existing bridges, bridge culverts, pedestrian overpasses, retaining wall systems, and noise barriers.</p> <p>Detailed information and costs associated with specific components and projects, directly follow this program summary page.</p> <p>Forecasts are based on bulk allocations that will be detailed in future budget submissions.</p>			Tax Supported/ Dedicated	30,606	Tax Supported/ Dedicated Debt	3,724	
			Rate Supported	0	Rate Supported Debt	0	
			Develop. Charges	0	Develop. Charges Debt	0	
			Gas Tax	0	Gas Tax Debt	0	
			Forecast	2023	2024	2025	2026
			Authority	34,330	35,487	32,897	25,310
Spending Plan	17,165	28,042	33,960	29,621			
FTEs	0	0	0	0			
Operating Impact	0	0	0	0			

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Project(s) within a Program Information			Location/Description	\$000's
908597 MacKenzie King Bridge [012200-1]			Class of Estimate: A) Pre-Tender	2,080
Category: Renewal of City Assets	Ward: 12,14	Year of Completion: 2023		
<p>The scope of work for lifecycle rehabilitation entails repairs to structural components of the bridge, address recurring performance issues of the pavement system on the entire bridge, improve deck drainage system and prevent long-standing joint leakage above NAC parking garage through replacing conventional waterproofing system with a premium one. This rehabilitation provides the opportunity to coordinate the repurposing of the bridge deck, eliminating dedicated bus lane and adding improvements for other modes of transportation.</p>				

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Project Information		Location/Description	\$000's
910101 2021 Bridge Structures - CW		Class of Estimate: A) Pre-Tender	7,112
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023	
<p>This project provides funding necessary to undertake engineering, design, and construction of bridges & bridge-culverts within the City's Right-of-Way. The size and complexities of the projects vary considerably. The activities are scheduled based on needs identified through the Structures Asset Management System.</p>			
Ward	Location	Description	
2,11	Hwy 174 BCulvert over Green's Creek	0.75 km E of Montreal Rd [227110]	
21	Jock Trail Bridge over Jock River	2.50 km E of Dwyer Hill Rd [753090]	
20	Samuel Fisher Bridge over Middle Castor River	1.40 km S of Victoria St [882310]	
21	Brownlee Rd (MD) Twin Culvert	0.01 km West of Shea Rd [757080-1/2]	
19	Indian Creek Rd Twin BCulvert	1.00 Km E of Saumure Rd [897510]	
910443 2022 Misc Structural Renewal - CW		Class of Estimate: A) Pre-Tender	1,200
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>This project provides funding necessary to undertake engineering, design, and construction of retaining walls, noise barriers, and other miscellaneous structures within the City's Right-of-Way, that are not budgeted through any other renewal program. The size and complexities of the projects vary considerably. The activities are scheduled based on needs identified through the Structures Asset Management System and service requests.</p>			

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Project Information		Location/Description	\$000's
910445 2022 Bridge Structures - CW		Class of Estimate: A) Pre-Tender	17,867
Category: Renewal of City Assets Ward: CW		Year of Completion: 2024	
<p>This project provides funding necessary to undertake engineering, design, and construction of bridges & bridge-culverts within the City's Right-of-Way. The size and complexities of the projects vary considerably. The activities are scheduled based on needs identified through the Structures Asset Management System.</p>			
Ward	Location	Description	
12,13	St Patrick St Bridge over Rideau River	St Patrick St over Rideau River [13320]	
10	Airport Pkwy O/P Uplands Dr	2.49 km S of Hunt Club Rd [226010]	
17	Old Railway Rideau River Ped Bridge	Over Rideau River [018600]	
5	Limestone Rd Bridge	4.0 km N of Kinburn Side Rd [437300]	
1	Hwy 174 EB Tenth Line Rd Exit Ramp BCulvert	Tenth Line Rd [CR47] @ Hwy 174 [894030]	
9	Merivale Rd BCulvert over Black Rapids Creek	1.25 km N of Falowfield Rd[117620]	
7	Carling Av BCulvert over Graham Creek	0.15 km E of Holly Acres Rd [117210]	
20	Castor Rd Bridge over Lough MD	2.20 km W of Gregoire Rd [882720]	
21	Fourth Line Rd Bridge at Crawford Hill MD	5.30 km N of Prince of Wales Rd [877820]	

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Project(s) within a Program Information			\$000's
910861	2023 Structures - Site-Specific	Class of Estimate: C) Planning	1,000
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>Funding is required to undertake engineering, design, and construction of renewal works, which are not budgeted through any other renewal program.</p>			
910862	2023 Misc Structural Renewal - CW	Class of Estimate: C) Planning	750
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>This project provides funding necessary to undertake engineering, design, and construction of retaining walls, noise barriers, and other miscellaneous structures within the City's Right-of-Way, that are not budgeted through any other renewal program. The size and complexities of the projects vary considerably. The activities are scheduled based on needs identified through the Structures Asset Management System and service requests.</p>			
910863	2023 Structures Scoping Pre/Post Eng	Class of Estimate: C) Planning	600
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>Scoping and design briefs for major structures (typically those over 3.0 meters in span) 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		Location/Description	\$000's
910864 2023 Bridge Structures - CW		Class of Estimate: D) Conceptual	2,621
Category: Renewal of City Assets Ward: CW		Year of Completion: 2025	
<p>This project provides funding necessary to undertake engineering, design, and construction of bridges & bridge-culverts within the City's Right-of-Way. The size and complexities of the projects vary considerably. The activities are scheduled based on needs identified through the Structures Asset Management System.</p>			
Ward	Location	Description	
20	Snake Island Rd BCulvert at Doyle Creek MD	0.65 km E of River Rd [887540]	
22	Blais Rd Bridge	1.13 Km E of Bank St [227550]	
21	Copeland Rd Bridge over Jock River	1.00 km E of Dwyer Hill Rd [753110]	
20	Mitch Owens Rd Bculvert	0.05 km E of Hawthorne Rd [227720]	
21	Stevens Creek Bridge	1.00 km N of Roger Stevens Dr [873040]	
23	Palladium Dr Bridge over Carp River	0.80 km W of Terry Fox Dr [643220]	
21	Garvin Rd Bridge	1.0 km W of North Gower Rd [757490]	
1, 19	Township Front Bridge Wilhaven Dr over Creek	4.00 km E of Dunning Rd [897160]	
13	Montreal Rd O/P NRC Campus Access Rd	0.30 km W of Blair Rd [056010]	
10, 22	Mulligans Bridge Leirim Rd	0.10 km E of River Rd [227010]	
17	Bank St Canal Bridge	Bank St over Rideau Cannal [012010]	
tbd	LRT variations	Various locations	
19	Inge St Bridge	0.30 km E of Henn Dr [897340]	

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Project(s) within a Program Information			\$000's
910865	2023 Bridge Preventative Maint	Class of Estimate: C) Planning	500
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 roadway structures that are not budgeted through any other program.</p>			
910866	2023 Structural Inspection	Class of Estimate: C) Planning	600
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2024	
<p>This program provides the authority for the regulatory inspections of roadway structures and overpass structures and any required follow-up assessments.</p>			

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Project Information			Financial Details					
911011 2023 Active Transportation Missing Links			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2028				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		800	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		No	Revenues		0	Debt		
<p>This program funds the planning, design, construction, and project management of pedestrian and cycling linkages that are not identified in the 2013 Pedestrian Plan and Cycling Plan's affordable network. These linkages may represent gaps in the network that were created by the implementation of other unrelated projects or opportunities created through development projects. Funding is also for pre-planning of projects in anticipation of external funding from the Federal Active Transportation Fund.</p> <p>This program has a minor contribution to reducing emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.</p>			Tax Supported/ Dedicated		700	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
			Forecast		2023	2024	2025	2026
			Authority		800	728	477	1,839
			Spending Plan		800	728	477	1,839
			FTEs		0	0	0	0
			Operating Impact		0	0	0	0
911012 2023 Transportation Demand Management			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		356	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		No	Revenues		0	Debt		
<p>To support "soft" but highly effective measures designed to influence travel behaviour. TDM initiatives are aimed at reducing demand for single-occupant car travel, shifting travel from peak periods to non-peak periods, and supporting sustainable transportation modes such as walking, cycling, micro mobility, and public transit. TDM measures offer many benefits including reducing traffic congestion, increasing non-car modal share, deferring the need for new infrastructure, reducing infrastructure costs, improving air quality, and improving mental and physical health. Funds will support ongoing and new initiatives such as cycling education and promotional campaigns (such as Let's Bike Month); the Cycling Safety and Awareness Program; School Travel Planning; the TravelWise Workplace Program; the Ottawa-Gatineau Regional Cycling Map; encouraging sustainable multi-modal travel; carpool promotion; commuter behaviour data collection, studies, and surveys; and other related initiatives such as the e-scooter pilot. This project has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.</p>			Tax Supported/ Dedicated		178	Tax Supported/ Dedicated Debt		0
			Rate Supported		0	Rate Supported Debt		0
			Develop. Charges		178	Develop. Charges Debt		0
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2023	2024	2025	2026
			Authority		356	408	416	426
			Spending Plan		356	408	416	426
			FTEs		0	0	0	0
			Operating Impact		0	0	0	0

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Project Information			Financial Details					
911013 2023 Neighbourhood Traffic Calming			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2028				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		2,499	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		No	Revenues		0	Debt		
For the planning, design, construction, and project management of stand-alone traffic calming measures recommended through Neighbourhood Traffic Calming (NTC) studies. This program follows the Council-approved NTC Study Process (2019) which focuses on addressing requests for permanent, engineered, traffic calming on existing local and collector streets within neighbourhoods. The program is reserved for streets that cannot benefit from roadway modifications through other City programs. The NTC process involves both qualification and city-wide prioritization of all requests and therefore potential projects are subject to change. This project has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.			Tax Supported/ Dedicated		2,099	Tax Supported/ Dedicated Debt		0
			Rate Supported		0	Rate Supported Debt		0
			Develop. Charges		400	Develop. Charges Debt		0
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2023	2024	2025	2026
			Authority		2,499	1,300	2,122	1,600
			Spending Plan		2,499	1,300	2,122	1,600
FTEs		0	0	0	0			
Operating Impact		0	0	0	0			
911024 2023 Public Realm Intervention			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023				
Reduces greenhouse gases?		No	2023 Request		700	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		No	Revenues		0	Debt		
Funds requested are for the study, design, and delivery of capital projects that will improve the public realm.			Tax Supported/ Dedicated		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		2023	2024	2025	2026
			Authority		700	770	790	810
			Spending Plan		700	770	790	810
FTEs		0	0	0	0			
Operating Impact		0	0	0	0			

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Project Information			Financial Details					
911063	Hintonburg Pumphouse Cons & Public Space		Class of Estimate:	C) Planning				
Dept:	Planning, Real Estate, & Economic Development	Category: Renewal of City Assets	Ward: 15	Year of Completion: 2024				
Reduces greenhouse gases?		No	2023 Request	800	Projected Yearend Unspent Bal.			0
Builds climate resiliency?		Yes - Moderate Contribution	Revenues	0	Debt			
<p>The conservation of the former Hintonburg Pumping Station for public use is a key component of public realm improvements along the Ottawa River shoreline. The 1899 City-owned, heritage-designated building was destroyed by fire in 1989 and remains in ruins. This project will conserve the heritage ruins, provide a sheltering roof, and enhance public amenities and services and restore areas of natural vegetation and the shoreline. Accessible by multiuse pathways, the Pumphouse public space complements other civic experiences including the Chief William Commanda Bridge multi-use pathway, the nearby Bayview Innovation Centre and the renewed Laroche Park.</p> <p>This outdoor public open space project has a moderate contribution to reducing climate risks from seasonal variability and change as well as increased precipitation.</p>			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	0	Gas Tax Debt		0	
			Forecast	2023	2024	2025	2026	
			Authority	800	1,700	0	0	
Spending Plan	800	1,700	0	0				
FTEs	0	0	0	0				
Operating Impact	0	0	0	0				
911023	2023 Aerial Mapping Services		Class of Estimate:	Not Applicable				
Dept:	Planning, Real Estate, & Economic Development	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2023				
Reduces greenhouse gases?		No	2023 Request	1,120	Projected Yearend Unspent Bal.			0
Builds climate resiliency?		No	Revenues	0	Debt			
<p>This program funds the acquisition and processing of aerial photography and base topographic mapping, and LiDar data collection. This information is a foundation and a prerequisite for engineering design and construction, utility inventory, and land use planning. Mapping is a critical component of the corporate MAP/GIS system and must be maintained on a continuing basis, ensuring the enterprise database is current. This information is used extensively by the general public through the ottawa.ca website and should reflect existing condition.</p> <p>Total project estimate is comprised of Roads \$224K, Water \$336K, Sewer \$336K and Transit \$224K</p>			Tax Supported/ Dedicated	448	Tax Supported/ Dedicated Debt		0	
			Rate Supported	672	Rate Supported Debt		0	
			Develop. Charges	0	Develop. Charges Debt		0	
			Gas Tax	0	Gas Tax Debt		0	
			Forecast	2023	2024	2025	2026	
			Authority	1,120	390	720	340	
Spending Plan	1,120	390	720	340				
FTEs	0	0	0	0				
Operating Impact	0	0	0	0				

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Project Information			Financial Details					
910959	2023 Pedestrian Facilities Program		Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2028				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request	3,000	Projected Yearend Unspent Bal.			
Builds climate resiliency?		No			0			
<p>This program supports the planning, design, construction, and project management of facilities for pedestrians, focusing on delivery of projects identified in the Ottawa Pedestrian Plan (OPP). Funding in 2023 will go to the projects listed below.</p> <p>This program has a minor contribution to reduce emissions from the Transportation Sector and supports the Energy Evolution Transportation Mode Shift Project.</p>			Revenues	0	Debt			
			Tax Supported/ Dedicated	1,250	Tax Supported/ Dedicated Debt	1,000		
			Rate Supported	0	Rate Supported Debt	0		
			Develop. Charges	750	Develop. Charges Debt	0		
			Gas Tax	0	Gas Tax Debt	0		
			Forecast	2023	2024	2025	2026	
			Authority	3,000	2,975	3,024	3,613	
			Spending Plan	3,000	2,975	3,024	3,613	
			FTEs	0	0	0	0	
			Operating Impact	0	0	0	0	

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Project Information	Location/Description	\$000's
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910959 2023 Pedestrian Facilities Program	Class of Estimate: C) Planning	3,000
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Category: Renewal of City Assets	Ward: CW	Year of Completion: 2028
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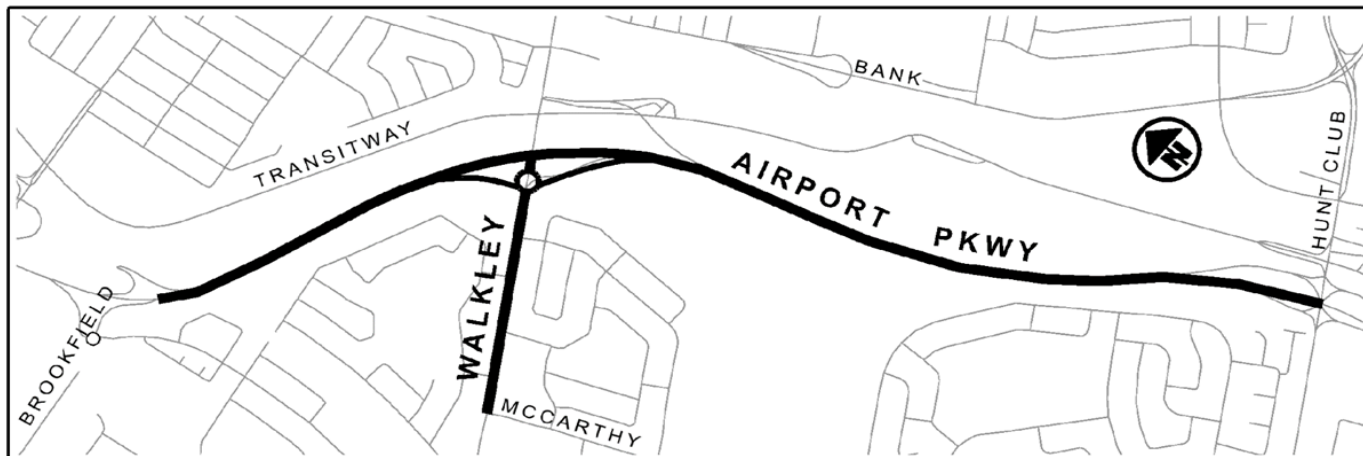
This program supports the planning, design, construction, and project management of facilities for pedestrians, focusing on delivery of projects identified in the Ottawa Pedestrian Plan (OPP). Funding in 2023 will go to the projects listed below.

This program has a minor contribution to reduce emissions from the Transportation Sector and supports the Energy Evolution Transportation Mode Shift Project.

Ward	Location	Description	
4	Varley Drive Sidewalk	Beaverbrook E to Milne Cr N and Beaverbrook W to Carr Cr N	
4	Leacock Drive Sidewalk	Beaverbrook W to Pkwy, Alice Wilson Woods Pathway between Pkwy and	
7	Ahearn Avenue Sidewalk	Scrivens Street to Farrow Street	
8	Parkway Drive Sidewalk	Drury Lane to Iris Street	
8	Westbury Road Sidewalk	Highgate Road to dead end	
8	Fellows Road Sidewalk	Westbury Road to Drury Lane	

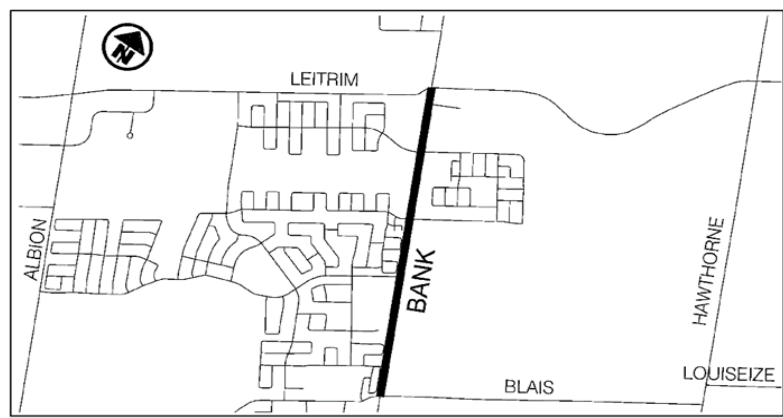
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Project Information			Financial Details				
903159 Airport Parkway (Brookfield - Hunt Club)			Class of Estimate: C) Planning				
Dept: Planning, Real Estate, & Economic Development	Category: Growth	Ward: 16	Year of Completion: 2027				
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request	21,500	Projected Yearend Unspent Bal.		5,633	
Builds climate resiliency?	No	Revenues	0	Debt			
<p>In addition to the Trillium Line, a widening of the Airport Parkway (Brookfield to Hunt Club) is needed to support growth in the south sector, including new urban expansions in Ottawa south, and to mitigate current cut-through traffic. Detailed design is funded and nearing completion. Part of the 2023 funding is for construction of the southbound off ramp to Walkley Road with a roundabout, and cycling facilities on Walkley from the roundabout to the protected intersection at McCarthy, and active transportation improvements on the Walkley bridge over the Airport Parkway. Additional funding in subsequent years is needed to fully fund the construction of the Airport Parkway widening.</p> <p>This project has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution's Transportation Mode Shift project.</p>		Tax Supported/ Dedicated	0	Tax Supported/ Dedicated Debt	1,290		
		Rate Supported Develop. Charges	0	Rate Supported Debt	0		
		Gas Tax	20,210	Develop. Charges Debt	0		
			0	Gas Tax Debt	0		
		Forecast	2023	2024	2025	2026	
Authority	21,500	12,780	39,913	10,403			
Spending Plan	21,500	12,780	39,913	10,403			
FTEs	0	0	0	0			
Operating Impact	0	60	61	62			



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Project Information		Financial Details			
903163 Bank St (Leitrim to Dun Skipper)		Class of Estimate: C) Planning			
Dept: Planning, Real Estate, & Economic Development	Category: Growth	Ward: 20,22	Year of Completion: 2028		
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request	19,375	Projected Yearend Unspent Bal. 38,630	
Builds climate resiliency?	No	Revenues	0	Debt	
<p>This project is needed to address growth in the Findlay Creek area and Ottawa South. Funding in 2023 represents the last amount remaining to fully fund the construction of Bank Street widening. The project limits have been updated to reflect work between south of Leitrim Road to Blais Road. The project includes active transportation and protected intersections. Some of the funding will be used to complete the detailed design and property acquisition for the modifications of Leitrim Road intersection. Funding for construction will follow in subsequent years.</p> <p>This project has a minor contribution to reduce emissions from the Transportation sector and supports the Transportation Mode Shift project.</p>		Tax Supported/ Dedicated	969	Tax Supported/ Dedicated Debt	0
		Rate Supported	0	Rate Supported Debt	0
		Develop. Charges	18,406	Develop. Charges Debt	0
		Gas Tax	0	Gas Tax Debt	0
		Forecast	2023	2024	2025
Authority	19,375	0	0	0	
Spending Plan	19,375	0	0	0	
FTEs	0	0	0	0	
Operating Impact	0	314	321	327	



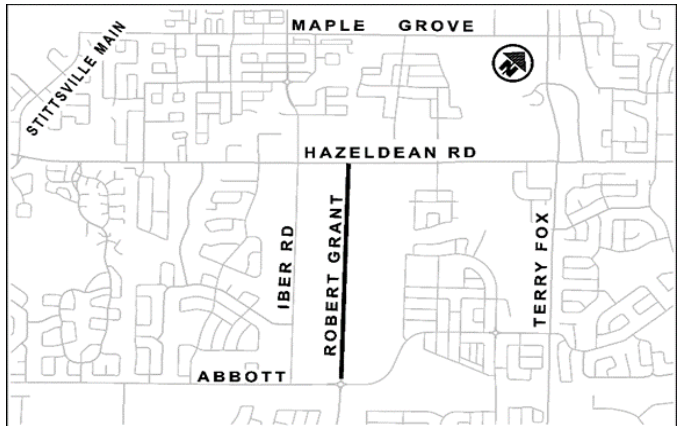
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Project Information			Financial Details					
904995 Earl Grey/Centrum Underpass			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: 4	Year of Completion: 2024				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request	10,600	Projected Yearend Unspent Bal.		11,349	
Builds climate resiliency?		No	Revenues	0	Debt			
<p>This project will improve traffic flow in the Kanata Centrum area. The new 2 lane connection from Earl Grey Drive to Didsbury Road, under Terry Fox Drive, will also improve bus service by providing a more direct route to and from Terry Fox Station. A protected intersection of Terry Fox Drive and Didsbury Road is also included. 2023 funds are for construction.</p> <p>This project has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution's Transportation Mode Shift project.</p>			Tax Supported/ Dedicated	30	Tax Supported/ Dedicated Debt	500		
			Rate Supported Develop. Charges	0	Rate Supported Debt	0		
			Gas Tax	10,070	Develop. Charges Debt	0		
				0	Gas Tax Debt	0		
			Forecast	2023	2024	2025	2026	
Authority	10,600	0	0	0	0			
Spending Plan	10,600	0	0	0	0			
FTEs	0	0	0	0	0			
Operating Impact	0	0	16	16				

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Project Information			Financial Details				
907403 Mer Bleue (Decoeur to Renaud)			Class of Estimate: C) Planning				
Dept: Transportation Services Department	Category: Growth	Ward: 1,2	Year of Completion: 2028				
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request	2,000	Projected Yearend Unspent Bal.			0
Builds climate resiliency?	No	Revenues	0	Debt			
<p>Funding is for the design of Mer Bleue Road widening from south of Decoeur Drive to Renaud Road to address growth in the surrounding area. This project is an extension of a previously completed widening of Mer Bleue Road to the north between Innes Road to south of Decoeur Drive. The project will include pedestrian and cycling facilities and a roundabout at Renaud Road. Funding for construction will be requested in a subsequent year following the completion of design.</p> <p>This project has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution's Transportation Mode Shift project.</p>		Tax Supported/ Dedicated	100	Tax Supported/ Dedicated Debt		0	
		Rate Supported	0	Rate Supported Debt		0	
		Develop. Charges	1,900	Develop. Charges Debt		0	
		Gas Tax	0	Gas Tax Debt		0	
		Forecast	2023	2024	2025	2026	
Authority	2,000	4,493	0	0			
Spending Plan	2,000	4,493	0	0			
FTEs	0	0	0	0			
Operating Impact	0	0	0	49			
							

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Project Information			Financial Details					
909042 Robert Grant (Hazeldean to Abbott)			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: 6	Year of Completion: 2024				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request	12,540	Projected Yearend Unspent Bal.			0
Builds climate resiliency?		Yes - Minor Contribution	Revenues	0	Debt			
<p>Robert Grant Avenue is needed between Hazeldean and Abbott Road to support growth and to provide access to the new developments. The design will follow the complete street principles and will include pedestrian and cycling facilities and wide boulevards to accommodate trees to increase the tree canopy. Funding for this year and next year is to reimburse developers to design and construct this project under a Front-Ending Agreement.</p> <p>This project has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution's Transportation Mode Shift project, and a minor contribution to reducing climate risks from extreme heat (from the shade).</p>			Tax Supported/ Dedicated	127	Tax Supported/ Dedicated Debt		500	
			Rate Supported Develop.	0	Rate Supported Debt		0	
			Charges	11,913	Develop. Charges Debt		0	
			Gas Tax	0	Gas Tax Debt		0	
			Forecast	2023	2024	2025	2026	
Authority	12,540	13,524	0	0				
Spending Plan	12,540	13,524	0	0				
FTEs	0	0	0	0				
Operating Impact	0	0	160	164				
								

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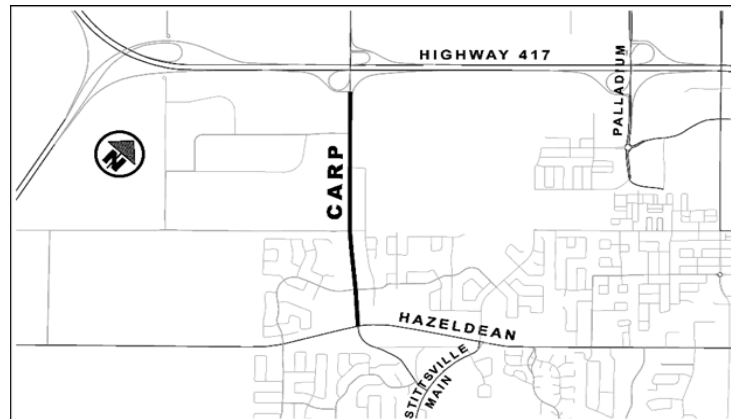
Project Information			Financial Details					
911028 Trim Road-OR174 Active Transportation Bridge			Class of Estimate: D) Conceptual					
Dept:	Planning, Real Estate, & Economic Development	Category: Service Enhancements	Ward: 01	Year of Completion: 2026				
Reduces greenhouse gases?		Yes - Minor Contribution		2023 Request	4,160	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		No		Revenues	0	Debt		
<p>This bridge is for pedestrians and cyclists to cross the OR 174 in the vicinity of the Trim LRT Station. This project is a candidate for the Federal Active Transportation Fund (ATF), to a maximum of \$13.2M, if approved. This account will be used for all aspects of project delivery such as planning, design, construction, and project management. Funding in 2023 is for design. Additional funding will be required in future years for construction so that the bridge can be completed within the timeframe of the ATF program. This project will only proceed upon confirmation of contribution from ATF.</p>				Tax Supported/ Dedicated	4,060	Tax Supported/ Dedicated Debt	100	
				Rate Supported Develop. Charges	0	Rate Supported Debt	0	
				Gas Tax	0	Gas Tax Debt	0	
				Forecast	2023	2024	2025	2026
				Authority	4,160	0	38,952	0
				Spending Plan	4,160	0	38,952	0
				FTEs	0	0	0	0
Operating Impact	0	0	0	0				
<p>The map displays the project location in Ottawa. It shows the intersection of Jeanne-d'Arc and Old Montreal Rd. The LRT Station is marked with a circle, and the proposed bridge is shown crossing OR 174 near the station. A north arrow is present in the top left corner.</p>								

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Project Information			Financial Details						
910957 2023 EA Studies Arterial Roads			Class of Estimate: Not Applicable						
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028					
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		1,595	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?		Yes - Minor Contribution	Revenues	0	Debt				
Road infrastructure projects undertaken by a municipality are subject to the requirements of the Ontario Environmental Assessment (EA) Act and completion of an EA study is required prior to project implementation. These planning studies will be undertaken in order of priority as identified in the City's TMP. Arterial projects are new roads or road widening, which will be planned with a complete streets lens, and consider active transportation facilities as appropriate. Funding is for new studies (including functional plans/designs) and for potential scope changes of current studies and other planning investigations as they arise. An upcoming study is the EA for Coventry Road Widening (St. Laurent Centre to Belfast Road). Studies consider climate change effects and recommend mitigation measures to reduce impacts, such as wider boulevards to increase the tree canopy and protect pedestrians and cyclists from the impacts of extreme heat.			Tax Supported/ Dedicated	80	Tax Supported/ Dedicated Debt		0		
			Rate Supported	0	Rate Supported Debt		0		
			Develop. Charges	1,515	Develop. Charges Debt		0		
			Gas Tax	0	Gas Tax Debt		0		
			Forecast		2023	2024	2025	2026	
			Authority	1,595	1,659	1,915	1,953		
			Spending Plan	1,595	1,659	1,915	1,953		
			FTEs	0	0	0	0		
			Operating Impact	0	0	0	0		
910958 2023 Major AT Structures Program			Class of Estimate: C) Planning						
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028					
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		5,083	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?		No	Revenues	0	Debt				
This program improves connectivity for cyclists and pedestrians where natural or man-made barriers exist. Projects include new structures, modifications to existing structures, accesses, ramps and linkages to the Active Transportation network. Funds will be used for all aspects of project delivery including planning, design, consultation, project management, and construction. 2023 funding is for feasibility studies, traffic studies, and functional designs to improve crossings of ramps at Highway 417 interchanges (Maitland, Woodroffe, Greenbank/Pinecrest and Richmond Roads); and cycling facilities on the St. Patrick bridge over the Rideau River.			Tax Supported/ Dedicated	897	Tax Supported/ Dedicated Debt		2,000		
			Rate Supported	0	Rate Supported Debt		0		
			Develop. Charges	2,186	Develop. Charges Debt		0		
			Gas Tax	0	Gas Tax Debt		0		
			Forecast		2023	2024	2025	2026	
			Authority	5,083	3,658	1,751	5,730		
			Spending Plan	5,083	3,658	1,751	5,730		
			FTEs	0	0	0	0		
			Operating Impact	0	0	0	0		
This program has a minor contribution to reducing emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.									

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Project Information			Financial Details			
910165 Carp Road (Hwy 417 to Hazeldean)			Class of Estimate: C) Planning			
Dept: Planning, Real Estate, & Economic Development	Category: Growth	Ward: 5, 6	Year of Completion: 2025			
Reduces greenhouse gases? Yes - Minor Contribution		2023 Request		2,900	Projected Yearend Unspent Bal. 0	
Builds climate resiliency? Yes - Minor Contribution		Revenues	0	Debt		
<p>The widening of Carp Road to 4 lanes (Highway 417 to Halzedean Road) is required to support growth in the surrounding area. The design will follow the complete street principles and will include pedestrian and cycling facilities and wide boulevards to accommodate trees to increase the tree canopy. 2023 funding is for design. Funding for construction will be requested in subsequent years following the completion of design.</p> <p>This project has a minor contribution to reduce emissions from the Transportation sector; a minor contribution to reducing climate risks from extreme heat, and supports the Energy Evolution's Transportation Mode Shift project.</p>		Tax Supported/ Dedicated	145	Tax Supported/ Dedicated Debt	0	
		Rate Supported	0	Rate Supported Debt	0	
		Develop. Charges	755	Develop. Charges Debt	2,000	
		Gas Tax	0	Gas Tax Debt	0	
		Forecast	2023	2024	2025	2026
Authority	2,900	0	11,149	10,277		
Spending Plan	2,900	0	11,149	10,277		
FTEs	0	0	0	0		
Operating Impact	0	0	0	0		



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Project Information			Financial Details					
911010 2023 Cycling Facilities Program			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request	7,541	Projected Yearend Unspent Bal.			0
Builds climate resiliency?		No	Revenues	0	Debt			
<p>This program supports the planning, design, construction, and project management of new cycling facilities and improvements to existing facilities and spine routes identified in the 2013 Ottawa Cycling Plan. Projects are mapped on GeoOttawa.</p> <p>The program has a minor contribution to reduce emissions from the Transportation Sector and supports the Energy Evolution Transportation Mode Shift Project.</p>			Tax Supported/ Dedicated	2,846	Tax Supported/ Dedicated Debt		1,000	
			Rate Supported Develop. Charges	0	Rate Supported Debt		0	
			Gas Tax	3,695	Develop. Charges Debt		0	
				0	Gas Tax Debt		0	
			Forecast	2023	2024	2025	2026	
			Authority	7,541	5,283	5,486	5,694	
			Spending Plan	7,541	5,283	5,486	5,694	
FTEs	0	0	0	0				
Operating Impact	0	0	0	0				
Project List:								
Ward	Location	Description						
14	O'Connor (Phase 2)	Two-way cycle tracks from Laurier Avenue to north of Albert Street						
15	Sherwood Avenue	Cycling facilities from Carling Avenue to Parkdale Avenue						
7	Richmond Road	Cycling facilities from Bayshore Drive to High Street						

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Project Information			Financial Details					
911015 2023 Development Sidewalks			Class of Estimate: C) Planning					
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028				
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		174	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		No	Revenues	0	Debt			
For the design and construction of sidewalk linkages that cannot be secured from developments under the Planning Act resulting in gaps in pedestrian connectivity. Projects typically address situations where existing communities need to be linked to a new development across vacant land. This program has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.			Tax Supported/ Dedicated	9	Tax Supported/ Dedicated	0	0	
			Rate Supported	0	Rate Supported	0	0	
			Develop. Charges	165	Develop. Charges	0	0	
			Gas Tax	0	Gas Tax	0	0	
			Forecast		2023	2024	2025	2026
			Authority	174	184	192	199	
			Spending Plan	174	184	192	199	
FTEs	0	0	0	0				
Operating Impact	0	2	2	2				
Project List:								
Ward	Location	Description	\$000					
4	Teron Road	Bethune Way to 80 m west	84					
16	Riverside Drive	80 m south of Kimberwick Crescent to 180 m south	90					
Below the Cut- Off Line								
19	Brian Coburn Boul to Aquarium Avenue	30 m connection to existing Subdivision						
19	Brian Coburn Boul to Mountain Sorel Way	30 m connection to existing Subdivision						
19	Brian Coburn Boul to Northwind Street	30 m connection to existing Subdivision						
19	Brian Coburn Boul to Selene Way	30m connection to existing Subdivision						

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Project Information			Financial Details							
911016 2023 Network Modification Program			Class of Estimate: C) Planning							
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW	Year of Completion: 2028						
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		3,594	Projected Yearend Unspent Bal.		0		
Builds climate resiliency?		No	Revenues		0	Debt				
<p>The Network Modification Program strives to improve the transportation network through geometric changes in growth-related areas. Intersection studies are required to investigate and evaluate alternative solutions, obtain public input and prioritize projects. Improving the intersection capacities can help delay the need for full road widenings. Protected intersection designs are incorporated where possible.</p> <p>This program has a minor contribution to reduce emissions from the Transportation sector and supports the Energy Evolution Transportation Mode Shift project.</p>			Tax Supported/ Dedicated		611	Tax Supported/ Dedicated Debt		0		
			Rate Supported Develop. Charges		0	Rate Supported Debt		0		
			Gas Tax		2,983	Develop. Charges Debt		0		
					0	Gas Tax Debt		0		
			Forecast		2023	2024	2025	2026		
			Authority		3,594	4,400	4,465	4,633		
Spending Plan		3,594	4,400	4,465	4,633					
FTEs		0	0	0	0					
Operating Impact		0	13	15	16					
Program List:										
Ward	Location	Description	\$000							
9	Greenbank Road and West Hunt Club Road	Addition of eastbound and westbound auxiliary lanes	3,519							
CW	Intersection feasibility study	Intersection reconfiguration to maximize developable area	75							
Below the Cut- Off Line										
16	Hunt Club Road and Riverside Drive									
4	March Road and Solandt Drive									
9	Merivale Road and Slack Road									
11	Aviation Parkway and Ogilvie Road									
1,19	Innes Road and Tenth Line Road									

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Project Information			Financial Details					
911014	2023 Intersection Control Measures		Class of Estimate:		C) Planning			
Dept:	Planning, Real Estate, & Economic Development	Category: Growth	Ward: CW		Year of Completion: 2028			
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		8,469	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		No	Revenues		0	Debt		
<p>This program provides growth related intersection control measures to address increased transportation demands in developing areas. Pedestrian and cyclist needs are incorporated into the design wherever possible. The program has a minor contribution to reduce emissions from the Transportation Sector and supports the Energy Evolution Transportation Mode Shift Project.</p>			Tax Supported/ Dedicated		0	Tax Supported/ Dedicated Debt		0
			Rate Supported		0	Rate Supported Debt		0
			Develop. Charges		4,469	Develop. Charges Debt		4,000
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2023	2024	2025	2026
			Authority		8,469	15,314	11,915	9,183
			Spending Plan		8,469	15,314	11,915	9,183
FTEs		0	0	0	0			
Operating Impact		39	74	69	42			

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Project Information		Location/Description	\$000's
911014 2023 Intersection Control Measures		Class of Estimate: C) Planning	8,469
Category: Growth	Ward: CW	Year of Completion: 2028	
<p>This program provides growth related intersection control measures to address increased transportation demands in developing areas. Pedestrian and cyclist needs are incorporated into the design wherever possible. The program has a minor contribution to reduce emissions from the Transportation Sector and supports the Energy Evolution Transportation Mode Shift Project.</p>			
Ward	Location	Description	Amount
6	Huntmar Drive and Maple Grove Road	Auilliary lanes with protected intersection	1,000
1	Portobello Boulevard and Valin Street	Roundabout	800
6,21	Fernbank Road and Goldhawk Drive	Auxilliary lanes	1,200
4	1015 March Road (Street D)	Auxilliary lanes	1,100
3	Borrisokane Road and Cambrian Road	Roundabout	1,200
4	1053 March Road (Street A/G)	Auilliary lanes	500
2,19	Innes Road and Lamarche Avenue	Median with protected intersection	1,200
3	Borrisokane Road and Flagstaff Drive	Auilliary lanes	1,250
19	Mer Bleu and Decoeur Drive	Study	50
19	Tenth Line Road and Brian Coburn Boulevard	Study	50
CW	Evaulation of Intersections in Growth Areas	Assess impact of the expanded urban boundary on the transportation network	118
Below the Cut- Off Line			
6	Terry Fox Drive and Michael Cowpland Drive		
5	March Road and Donald B.Munro/Old Carp		
6,23	Terry Fox Drive and Cope Drive		

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Program Information		Financial Details				
Road Operations-Renewal		Class of Estimate: Not Applicable				
Dept: Public Works Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various			
Reduces greenhouse gases?	No	2023 Request	860	Projected Yearend Unspent Bal. 295		
Builds climate resiliency?	Yes - Minor Contribution	Revenues	0	Debt		
<p>The Roads Operations Life Cycle Renewal Program funds activities such as the replacement of equipment used to maintain roads, the research of new snow and ice control technologies and enhancements of existing technologies, facility Wi-Fi upgrades and provides on-going maintenance and lifecycle renewal of assets with all Public Works Yard facilities. Ice-Snow Control and RWIS technologies project helps test technologies that prepare for changing winter conditions expected with climate change.</p>		Tax Supported/ Dedicated	860	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	2023	2024	2025	2026
		Authority	860	875	895	915
		Spending Plan	860	875	895	915
		FTEs	0	0	0	0
		Operating Impact	0	0	0	0

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Project(s) within a Program Information			\$000's
910949 Roads Equipment Replacement 2023			Class of Estimate: Not Applicable
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	210
<p>This project includes the annual lifecycle replacement and unexpected maintenance or loss due to operational incidents of various equipment used for maintenance operations of the road network. These include, but are not limited to: weigh scales for load accuracy, pre-wet tanks, couplers, back-up pumps and generators, flood control boats, motors, engineered jersey barriers and clamps, survey rods, receivers and electronic levels, hydraulic tampers, concrete/asphalt/ice power saws and other related equipment. Effective replacement of tools and equipment ensures the provision of efficient and cost effective service to the public, public transit as well as to emergency services.</p>			
910966 Ice-Snow Control and RWIS Technologies 2023			Class of Estimate: Not Applicable
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	315
<p>This project is used for research, pilots, trials for new technologies as well as enhancing and ongoing maintenance to existing technologies supporting Snow and Ice control operations. These technologies are important to the ongoing efforts to improve operational processes, minimize environmental impacts and remain current with best practices, including preparing for changing winter conditions.</p>			
910967 LCR - PWES Works Yard 2023			Class of Estimate: Not Applicable
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	335
<p>This funding provides for lifecycle work to existing PWES Works Yard facilities. Lifecycle repairs will ensure continued use of the collective facilities used for the City's seasonal maintenance and operational programs. These facilities are located within their service areas and house equipment and staff required to conduct maintenance activities.</p>			

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Project Information			Financial Details				
910965 Roads Services Vehicle & Equipment 2023			Class of Estimate:		Not Applicable		
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2026				
Reduces greenhouse gases?	No	2023 Request		1,030	Projected Yearend Unspent Bal.		
Builds climate resiliency?	No	Revenues	0	Debt			
<p>This project provides for additional vehicles/equipment to Public Works Roads Services related to the growth in hard surface infrastructure including new and upgraded lane kilometers of roadways, sidewalks, multi use pathways and dedicated cycling lanes. These include units such as roadway salting and plowing vehicles/equipment, mini sweepers (downtown cleanliness) and truck & trailer mounted safety attenuators for legislated road closures.</p>	Tax Supported/ Dedicated	155	Tax Supported/ Dedicated Debt		0		
	Rate Supported	0	Rate Supported Debt		0		
	Develop. Charges	876	Develop. Charges Debt		0		
	Gas Tax	0	Gas Tax Debt		0		
	Forecast		2023	2024	2025	2026	
	Authority	1,030	1,050	1,070	1,090		
	Spending Plan	1,030	1,050	1,070	1,090		
	FTEs	0	0	0	0		
	Operating Impact	155	160	165	170		
	910968 Winter Materials Storage Facility 2023			Class of Estimate:		Not Applicable	
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2026				
Reduces greenhouse gases?	No	2023 Request		625	Projected Yearend Unspent Bal.		
Builds climate resiliency?	Yes - Minor Contribution	Revenues	0	Debt			
<p>Winter Materials Storage Facility 2023 (Maple Grove, Trim Antares) - \$625k - year of completion 2025</p> <p>This project provides for the reconstruction and growth of Winter Materials Storage Facilities. The existing storage space in combination with new storage will provide for the ongoing requirements of the collective storage of more than 170,000 tonnes of de-icing material and 60,000 tonnes of winter abrasives annually, used for the city's snow and ice control program. Materials are required to be stored within these facilities to ensure their usability, to minimize impacts to the natural environment and to control material loss, erosion, noise, visual intrusion etc.</p>	Tax Supported/ Dedicated	94	Tax Supported/ Dedicated Debt		0		
	Rate Supported	0	Rate Supported Debt		0		
	Develop. Charges	531	Develop. Charges Debt		0		
	Gas Tax	0	Gas Tax Debt		0		
	Forecast		2023	2024	2025	2026	
	Authority	625	651	0	0		
	Spending Plan	625	651	0	0		
	FTEs	0	0	0	0		
	Operating Impact	0	0	0	0		

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Project Information			Financial Details						
910974 Works Yards Facilities - New Growth Service 2023			Class of Estimate:		Not Applicable				
Dept:	Public Works Department	Category: Growth	Ward: CW		Year of Completion: 2024				
Reduces greenhouse gases?		No	2023 Request		5,050	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?		No	Revenues		0	Debt			
This project will involve upgrades at existing public works yards and new facilities due to growth. This includes but is not limited to the upgrade of existing material storage facilities, the construction of new or expanded Works Yards facilities, including equipment storage bays, etc...			Tax Supported/ Dedicated		758	Tax Supported/ Dedicated Debt		0	
			Rate Supported		0	Rate Supported Debt		0	
			Develop. Charges		4,293	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2023	2024	2025	2026	
			Authority		5,050	5,150	5,358	0	
			Spending Plan		5,050	5,150	5,358	0	
			FTEs		0	0	0	0	
Operating Impact		0	0	0	0				

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Project Information			Financial Details					
910930 2023 Street Lighting Major Replacements			Class of Estimate: C) Planning					
Dept: Public Works Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025					
Reduces greenhouse gases?	No	2023 Request		2,567	Projected Yearend Unspent Bal.			0
Builds climate resiliency?	No	Revenues	0	Debt				
<p>This program provides the installation of new/upgraded street lights and street light plant to address deficiencies from aging infrastructure. The program also includes the retrofitting of existing lighting with new technologies and asset data capture. These installations are in accordance with current City of Ottawa lighting policies and practices. The deficiencies include approximately 50 km of old, direct buried street light cable that is at the end of its lifecycle and requires replacement; concrete street light poles that are showing signs of degradation; and power supply cabinets that are deteriorating due to environmental factors. The rehabilitation work will reduce the overall operating costs of the lighting systems and improve pedestrian and vehicular safety. In addition, Hydro Ottawa has initiated a pole replacement program which necessitates Street Lighting make modifications to its existing plant. This work includes coordination with hydro utility for planning; design of modifications to the street lighting system in the affected areas; installation of temporary overhead wiring to allow for new construction; reuse of the existing street lighting plant where practical; and energizing the new service disconnects and updating the design records.</p>		Tax Supported/ Dedicated	2,567	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	2023	2024	2025	2026
		Authority	2,567	2,511	2,562	2,612		
		Spending Plan	2,567	2,511	2,562	2,612		
		FTEs	0	0	0	0		
		Operating Impact	0	0	0	0		

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Project Information		Location/Description	\$000's
910930 2023 Street Lighting Major Replacements		Class of Estimate: D) Conceptual	2,567
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025	
<p>This project provides funding for the various streetlight rehabilitation initiatives described below.</p>			
Ward	Location	Description	Amount
CW	City Wide Program	Hydro pole conversions	see below
CW	City Wide Program	Luminaire & cable transfers (Hydro Ottawa)	100
CW	City Wide Program	LED retrofit	500
CW	City Wide Program	Engineering - cable fault program	see below
CW	City Wide Program	Minor upgrades - installation of new/upgraded streetlight plant	50
CW	City Wide Program	Separation of street light system from the traffic system	50
CW	City Wide Program	City wide pole conversion program	see below
CW	City Wide Program	Comprehensive asset management plan of existing streetlight infrastructure	300
CW	2023 Hydro Pole Conversion	Hydro pole conversion and street light transfer	321
2023 Cable Fault Repair Program			
1	285 Kinglet Way	Cable fault tender	15
20	5656 Lombardy Dr	Cable fault tender	20
8	Sullivan Ave at Parker Ave	Cable fault tender	15
17	2544 Yarmouth Cres	Cable fault tender	20
10	2835 Mozart Ct	Cable fault tender	25
11	1508 Meadowbrook Rd	Cable fault tender	30
8	1236 Greyrock Cres	Cable fault tender	20
CW	additional sites to be determined by year end	Cable fault tender	785
18	Innes Rd and Bantree St	Pole replacement	36
8	Greenbank Rd and Lisa Ave	Pole replacement	24
8	1678 Merival Rd	Pole replacement	12
1	Rougemount Cres and Harowsmith Way	Pole replacement	12
7	Richmond Rd and SJAM Pky	Pole replacement	20
CW	additional sites to be determined by year end	Pole replacement	212

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Program Information		Financial Details				
Traffic Control Devices Rehabilitation-Renewal		Class of Estimate: C) Planning				
Dept: Public Works Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various			
Reduces greenhouse gases?	No	2023 Request	2,308	Projected Yearend Unspent Bal. 2,279		
Builds climate resiliency?	No	Revenues	0	Debt		
<p>This program provides on-going maintenance for the safe and effective operation of the City's Traffic Control Systems. Currently, there are over 1,197 traffic control signals in the City of Ottawa, and several hundred of these signals were installed 30 to 40 years ago.</p> <p>The overall goal of this program is to reduce operational costs while at the same time developing efficiencies in the Traffic Control System in order to effectively manage growth. The program includes:</p> <ul style="list-style-type: none"> - Lifecycle Renewal - Traffic Control Signals - Lifecycle Renewal - Traffic Monitoring System 		Tax Supported/ Dedicated	2,308	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	2023	2024	2025	2026
		Authority	2,308	2,258	2,304	2,349
		Spending Plan	2,308	2,258	2,304	2,349
FTEs	0	0	0	0		
Operating Impact	0	0	0	0		

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Project Information			Location/Description	\$000's
910931 2023 LCR Traffic Control Signals			Class of Estimate: C) Planning	1,861
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025		
<p>This project consists of multiple items, including the upgrade of traffic signal controllers and underground traffic signal infrastructure. This will enable the use of traffic actuated strategies on the City's central traffic control computer systems, as well the modification of traffic signal displays and operation which are needed to accommodate traffic growth.</p>				
Ward	Location	Description	Amount	
CW	Various intersections	Upgrade traffic control signal cabinets and controllers	230	
CW	Various locations	Rebuild traffic signal plant	450	
CW	Various locations	Replace aging traffic signal disconnect cabinets	375	
CW	Various locations	Repair/replace damaged traffic ducts and handholes	175	
CW	Various locations	Installation of traffic signal communication infrastructure	300	
CW	Various locations	Replace/inspect overhead traffic signs	150	
CW	Various locations	Replace street name signs	100	
CW	Various intersections	Install left turn arrows	81	
910932 2023 LCR Traffic Monitoring System			Class of Estimate: C) Planning	448
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2025		
<p>This project facilitates the implementation of a number of small, cost-effective initiatives that improve traffic signal central computer control. Modifications will be made in the areas of Traffic Control Signal hardware, software, and communications. Modifications to the Central Traffic Signal Control system typically benefits all traffic signals across the City of Ottawa.</p>				

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Project Information			Financial Details					
910947 2023 Pedestrian Access-Intersect & Ramp.			Class of Estimate:		C) Planning			
Dept:	Public Works Department	Category: Renewal of City Assets	Ward: CW		Year of Completion: 2025			
Reduces greenhouse gases?		Yes - Minor Contribution	2023 Request		213	Projected Yearend Unspent Bal.		0
Builds climate resiliency?		Yes - Minor Contribution	Revenues		0	Debt		
To support planning, design and implementation of accessible pedestrian facilities that are not captured through road reconstruction or development projects. The program removes obstructions and installs short sections of sidewalks, multi-use pathways, curb ramps, TWSIs (Tactile Walking Surface Indicators), and AODA upgrades at intersections, bus stops and mid block crossings, while bringing facilities in line with current accessibility design standards and legislation. Locations are prioritized based on opportunities to coordinate with other capital works projects, technical feasibility, and community need (e.g. links to public transit, schools, parks and other destinations).			Tax Supported/ Dedicated		213	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		2023	2024	2025	2026
			Authority		213	208	212	216
			Spending Plan		213	208	212	216
FTEs		0	0	0	0			
Operating Impact		0	0	0	0			

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Project Information			Financial Details					
910802 2023 New Traffic Control Devices			Class of Estimate: C) Planning					
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2025					
Reduces greenhouse gases?	No	2023 Request	2,718	Projected Yearend Unspent Bal.			0	
Builds climate resiliency?	No	Revenues	0	Debt				
Annual growth within the City affects both traffic and pedestrian movement to the point that some locations meet the Provincial warrants for the installation of either a traffic control signal or a pedestrian signal. For locations that meet the warrants, this program provides for the installation of the associated traffic control device including any related intersection modifications. Roundabouts are considered in the design process as an alternative means of providing traffic control and are implemented where appropriate. The program funds the applicable portion of the data collection program, assessment of traffic and pedestrian volumes versus Provincial warrants for the justification of signalization, the design of intersections at which modifications are required for effective traffic operation and any associated communication required to support them. Candidate locations are reassessed and ranked annually. Results are expected by the end of Q4 2022.		Tax Supported/ Dedicated	544	Tax Supported/ Dedicated Debt			0	
		Rate Supported	0	Rate Supported Debt			0	
		Develop. Charges	2,174	Develop. Charges Debt			0	
		Gas Tax	0	Gas Tax Debt			0	
		Forecast		2023	2024	2025	2026	
		Authority	2,718	2,659	2,713	2,766		
Spending Plan	2,718	2,659	2,713	2,766				
FTEs	0	0	0	0				
Operating Impact	0	0	0	0				

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Project Information		Location/Description	\$000's
910802 2023 New Traffic Control Devices		Class of Estimate: C) Planning	2,718
Category: Growth	Ward: CW	Year of Completion: 2025	
<p>The 2023 Project funding supports the base program (determining need and rank) as well as the design and installation of warranted traffic control signals (or roundabout where appropriate) and pedestrian signals.</p> <p>Those locations above the funding cutoff line, which, after investigation are found not to be supported technically or otherwise, will be discarded and replaced with candidate locations from below the cutoff.</p>			
Ward	Location	Description	Amount
CW	Pre-Engineering	Traffic Counts, warrant assessments	118
15	Parkdale Ave and Sherwood Dr	Traffic Control, feasibility study for conversion to traffic control signal	100
5	Donald B Munro Dr/Old Carp Rd and March Rd	Traffic Control, intersection modification - functional design study	100
21	Barnsdale Rd and Rideau Valley Dr	Traffic Control, intersection modification - construction	2,400
	Cut-off		
18	Bantree St and Old Innes Road	Traffic control, intersection modification - study/design/construction	
10.20	Leitrim S Rd and Ramsayville Rd	Traffic control, intersection modification - study/design/construction	
14	Preston St and St. Anthony St (IPS)	Pedestrian Signal - design/construction	
21	Eagleson Rd and Flewellyn Rd	Traffic control, intersection modification - study/design/construction	
11	Blair Rd and Claver St (IPS)	Pedestrian Signal - design/construction	
4	Carling Ave at 320 m E of March Rd (IPS)	Pedestrian Signal - design/construction	
9	Deakin St and MacFarlane Rd	Traffic control, intersection modification - study/design/construction	
20	Apple Orchard Rd/Parkway Rd and Stagecoach	Traffic control, intersection modification - study/design/construction	
8.16	Clyde Ave N. and Laperriere Ave	Traffic control, intersection modification - study/design/construction	
10	Conroy Rd and Queensdale Ave	Traffic control, intersection modification - study/design/construction	
19	Milton Rd and Navan Rd	Roundabout, intersection modification - construction (funding)	
10	Davidson Rd and Hawthorne Road	Roundabout, intersection modification - construction (funding)	
23	Bridgestone Dr and Eagleson Rd	Traffic control, intersection modification - study/design/construction	
20	Snake Island Rd and Stagecoach Rd	Traffic control, intersection modification - study/design/construction	
10.20	Anderson Rd and Leitrim Rd	Traffic control, intersection modification - study/design/construction	
14	Booth St and Orangeville St	Traffic control, intersection modification - study/design/construction	
20	Boundary Rd and Mitch Owens Rd	Traffic control, intersection modification - study/design/construction	
20	Hawthorne Rd and Rideau Rd	Traffic control, intersection modification - study/design/construction	

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Project Information		Location/Description	\$000's
910802 2023 New Traffic Control Devices		Class of Estimate: C) Planning	2,718
Category: Growth	Ward: CW	Year of Completion: 2025	
New traffic control devices continued.			
Ward	Location	Description	
19	Mer Bleue Rd W and Navan Rd	Traffic control, intersection modification - study/design/construction	
20	Bank St and Dalmeny Rd	Traffic control, intersection modification - study/design/construction	
4	March Valley Rd and Terry Fox Dr	Traffic control, intersection modification - study/design/construction	
23	Maple Grove Rd and Silver Seven Rd	Traffic control, intersection modification - study/design/construction	
3	Jockvale Rd and Weybridge Dr N	Traffic control, intersection modification - study/design/construction	
10	Albion Rd and Johnston Rd	Traffic control, intersection modification - study/design/construction	
19	Joshua St and Renaud Rd	Traffic control, intersection modification - study/design/construction	
23	Stonehaven Dr and Stonemeadow Dr N	Traffic control, intersection modification - study/design/construction	
10	Conroy Rd N&S and Davidson Rd	Traffic control, intersection modification - construction (remaining funding)	
21	Barnsdale Rd and Rideau Valley Dr	Traffic control, intersection modification - construction (remaining funding)	
5	Donald B Munro Dr/Old Carp Rd and March Rd	Traffic control, intersection modification- detailed design/construction	
15	Parkdale Ave at Sherwood Dr	Traffic control, intersection modification- detailed design/construction	

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Project Information			Financial Details				
910803 2023 Safety Improvement Program			Class of Estimate: D) Conceptual				
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2025				
Reduces greenhouse gases?	No	2023 Request	1,139	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?	No	Revenues	0	Debt			
This project funds the Safety Improvement Program (SIP) which monitors 15,000 reported traffic collisions annually in order to identify locations with existing road safety issues based on collision trends and collision prediction techniques to quantify safety risks. The program undertakes roadway modifications at these locations to help improve road safety performance of the City's transportation network.		Tax Supported/ Dedicated	569	Tax Supported/ Dedicated Debt		0	
		Rate Supported	0	Rate Supported Debt		0	
		Develop. Charges	569	Develop. Charges Debt		0	
		Gas Tax	0	Gas Tax Debt		0	
		Forecast	2023	2024	2025	2026	
		Authority	1,139	1,114	1,137	1,159	
		Spending Plan	1,139	1,114	1,137	1,159	
		FTEs	0	0	0	0	
		Operating Impact	0	0	0	0	

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Project Information			Location/Description	\$000's
910803 2023 Safety Improvement Program			Class of Estimate: D) Conceptual	1,139
Category: Growth	Ward: CW	Year of Completion: 2025		
<p>This project funds the Safety Improvement Program (SIP) which monitors 15,000 reported traffic collisions annually in order to identify locations with existing road safety issues based on collision trends and collision prediction techniques to quantify safety risks. The program undertakes roadway modifications at these locations to help improve road safety performance of the City's transportation network. Locations will be prioritized based on the results of 2022 network screening initiatives, identified in the Strategic Road Safety Action Plan (SRSAP) - 2023 Implementation plan. Results are expected by the end of Q4 2022.</p>				
Ward	Location	Description	Amount	
CW	Pre-engineering/design/studies	Various locations - study/design of improvements	200	
CW	Signs, beacons, markings & road modifications	Various locations - implementation of low-cost countermeasures	100	
CW	High friction asphalt application	Various locations - implementation of high friction asphalt to improve roadway friction	100	
CW	Intersections & Corridors - road safety improvements	Various locations - implementation of geometric countermeasures	739	

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Project Information			Financial Details					
910804 2023 Traffic Incident Management			Class of Estimate: D) Conceptual					
Dept:	Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2025				
Reduces greenhouse gases?	No			2023 Request	453	Projected Yearend Unspent Bal.		0
Builds climate resiliency?	No			Revenues	0	Debt		
<p>This project is required to improve the City's response to unforeseen incidents, including extreme weather events, which may result in widespread gridlock and delay on freeways, major arterial roadways, and inter-provincial bridges. The Traffic Incident Management Group (TIMG), which is comprised of representatives from all primary municipal and provincial service providers in the National Capital region (Police, MTO, Transit, PWS, etc.), meets regularly to develop traffic management strategies and assembles when required to manage emergency situations. Funding for this program provides ITS resources needed to provide effective traffic management and traveler advisory information systems. These systems communicate to the public and help manage the impacts of incidents and major construction projects.</p>			Tax Supported/ Dedicated	90	Tax Supported/ Dedicated Debt		0	
			Rate Supported	0	Rate Supported Debt		0	
			Develop. Charges	363	Develop. Charges Debt		0	
			Gas Tax	0	Gas Tax Debt		0	
			Forecast	2023	2024	2025	2026	
			Authority	453	444	452	461	
			Spending Plan	453	444	452	461	
FTEs	0	0	0	0				
Operating Impact	0	0	0	0				

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Project Information		Location/Description	\$000's
910804 2023 Traffic Incident Management		Class of Estimate: D) Conceptual	453
Category: Growth	Ward: CW	Year of Completion: 2025	
<p>TI Management allows the City to use various ITS tools to provide effective traffic management and traveler advisory information systems which will communicate to the public the impacts of a traffic incident. This helps residents make informed decisions on selecting alternate routes to get to their destination, thereby reducing their overall travel delay and traffic congestion in affected areas.</p>			
Ward	Location	Description	Amount
CW	City Wide Program	Dynamic Message Signs	120
CW	City Wide Program	Real-time speed volume data systems	50
CW	City Wide Program	Technology Enhancements & Program Support	50
CW	City Wide Program	Connected and Autonomous Vehicle Initiative	113
CW	City Wide Program	Unplanned high impact demonstrations	120

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Project Information			Financial Details				
910933 2023 Advanced Traffic management Program			Class of Estimate: D) Conceptual				
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2025				
Reduces greenhouse gases?	No	2023 Request	453	Projected Yearend Unspent Bal.			
Builds climate resiliency?	No	Revenues	0	Debt			
Intelligent Transportation Systems is the application of advanced and emerging technologies (computers, sensors, controls, communications, and electronic devices) in transportation to save lives, time, money, energy and the environment. Smart Growth demands that before investing in additional road infrastructure, and while awaiting the introduction of improved mass-transit systems, every available ounce of capacity must be squeezed out of our existing road network. Furthermore, evaluating V2I (connected Vehicle to Infrastructure) technologies will result in enhanced vehicle, cycling and pedestrian safety, as well as sustainable and improved mobility. It will identify features and components required of our systems to ensure the city stays ahead in this rapidly expanding area of mobility and advanced technologies. This can only be done through application of relatively low-cost, ITS enhancements, such as those associated with Advanced Traffic Management Systems.		Tax Supported/ Dedicated	90	Tax Supported/ Dedicated Debt		0	
		Rate Supported	0	Rate Supported Debt		0	
		Develop. Charges	363	Develop. Charges Debt		0	
		Gas Tax	0	Gas Tax Debt		0	
		Forecast	2023	2024	2025	2026	
		Authority	453	444	452	461	
Spending Plan	453	444	452	461			
FTEs	0	0	0	0			
Operating Impact	0	0	0	0			

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Project Information			Financial Details						
910927 2023 Pedestrian Countdown Signal Prog			Class of Estimate: Not Applicable						
Dept: Public Works Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request			677	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?	No	Revenues	0		Debt				
<p>Currently there are over 1,200 traffic control signals in Ottawa and 1,035 locations are equipped with audible pedestrian signal features and 1,079 are equipped with Pedestrian Countdown Signals (PCS). Staff currently equip all new traffic control signals and those undergoing major rehabilitation with PCS and Accessible Pedestrian Signals (APS) to comply with the Design of Public Spaces Standards of the Accessibility for Ontarians with Disabilities Act, 2005 (AODA). The cost to install APS and PCS in these cases are absorbed within the associated capital project. This annual Accessible Pedestrian Signal / Pedestrian Countdown Signal Program also funds the retrofit of existing traffic control signals with accessible pedestrian devices, at locations specifically requested by pedestrians with disabilities or through community groups. This program was created out of Council direction from Report ACS2009-CCV-AAC-0002.</p>		Tax Supported/ Dedicated	677		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		2023	2024	2025	2026		
		Authority	677		662	676	689		
Spending Plan	677		662	676	689				
		FTEs	0		0		0		
		Operating Impact	0		0		0		
910928 2023 Traffic & Pedestrian Safety Enhancement Program - Ward Initiative			Class of Estimate: Not Applicable						
Dept: Public Works Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request			2,190	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?	No	Revenues	0		Debt				
<p>2023 Traffic & Pedestrian Safety Enhancement Program - Ward Initiatives Traffic Services works collaboratively with each Ward Councillor to identify sites for the enhancement of road safety through the installation of temporary traffic calming measures. Examples of treatments covered by the program include:</p> <ul style="list-style-type: none"> • Speed display boards (permanent or temporary); • Pavement markings such as speed limits, "School/École", "Slow/Lent"; • Flexible centreline signage and Cycling delineators; • Community entrance signage, gateway speed limit signage, informal "Do not Block Driveway" signs, and permanent "Slow Down for Us" signage; • Planters on local streets to create chicanes; • Flexible posts to create bulb outs or chicanes; • Warranted Pedestrian Crossovers; • Permanent Speed Humps or speed tables; • Median narrowing islands or pedestrian refuge islands. <p>Locations will be identified in consultation with Ward Councillors in Q4 2022 and Q1 2023.</p>		Tax Supported/ Dedicated	2,190		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		2023	2024	2025	2026		
		Authority	2,190		2,101	2,137	2,174		
Spending Plan	2,190		2,101	2,137	2,174				
		FTEs	0		0		0		
		Operating Impact	0		0		0		

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Project Information			Financial Details					
910929 2023 Cycling Safety Program			Class of Estimate:					
Dept: Public Works Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025					
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request		118	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?	No	Revenues	0	Debt				
<p>The Cycling Safety Improvement Program (CSIP) ensures a well-defined process which combines traffic engineering, observed behaviours, and risk mitigation measures to enable on-going road safety improvements, for benefit to cyclists within the City of Ottawa. Since 2012, Traffic Services staff have been coordinating the CSIP, focusing on identifying problem locations, making recommendations for improvements, and proposing a process for continuous improvement of cycling safety. Proposed recommendations to enhance specific locations are identified following consultation with members of the public and occasionally through project specific Working Groups. The goal is to improve 10 locations per year, by way of installing pavement markings and signs, or implementing minor geometric changes to the roadway.</p>		Tax Supported/ Dedicated	118	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		2023	2024	2025	2026	
		Authority	118	116	118	121		
Spending Plan	118	116	118	121				
FTEs	0	0	0	0				
Operating Impact	0	0	0	0				
910934 2023 Pedestrian Crossover Program			Class of Estimate: Not Applicable					
Dept: Public Works Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025					
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request		564	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?	No	Revenues	0	Debt				
<p>The Pedestrian Crossover Program supports the installation of pedestrian crossovers (PXOs) as a type of traffic control in Ottawa. Crossovers and their associated crosswalks are located at low speed, low-medium volume intersections, midblock and at roundabouts. They provide pedestrians the right of way over vehicles when crossing the road. The program's processes and criteria are established based on Provincial regulations to address warrants, to determine PXO locations and to select the appropriate type of PXO. The program complements other sustainable transportation programs, promotes walking as a form of transportation and exercise, supports accessibility, enhances senior mobility and is relied upon by OSTA for children's active transportation to and from school.</p>		Tax Supported/ Dedicated	564	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		2023	2024	2025	2026	
		Authority	564	552	563	574		
Spending Plan	564	552	563	574				
FTEs	0	0	0	0				
Operating Impact	0	0	0	0				

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Project Information			Financial Details						
910935 2023 Safer Roads Ottawa			Class of Estimate: C) Planning						
Dept: Public Works Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request			474	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?	No	Revenues			0	Debt			
<p>Safer Roads Ottawa (SRO) is a partnership between Ottawa Fire Services, Ottawa Paramedic Service, Ottawa Police Service, Ottawa Public Health, and Traffic Services, who are committed to preventing or eliminating road deaths and serious injuries for all people in the City of Ottawa. This is accomplished through culture change, community engagement, and development of a sustainable safe transportation environment. Safer Roads Ottawa acts as the umbrella program and key point of contact for all road safety initiatives originating from the City of Ottawa. The goal is to ensure that all corporate road safety initiatives are coordinated and fully supported by the City's internal partners, while developing, engaging, and investing in various community road safety partners.</p> <p>Service Enhancement funding will be used to develop enhanced city-wide programming, including more robust awareness campaigns and outreach activities, based on the focus areas of the 2020-2024 Updated Strategic Road Safety Action Plan.</p>		Tax Supported/ Dedicated			474	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			2023	2024	2025	2026	
		Authority			474	463	473	482	
		Spending Plan			474	463	473	482	
FTEs			0	0	0	0			
Operating Impact			0	0	0	0			
910936 2023 Automated Speed Enforcement Camera Installation			Class of Estimate: Not Applicable						
Dept: Public Works Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
Reduces greenhouse gases?	No	2023 Request			1,360	Projected Yearend Unspent Bal.		0	
Builds climate resiliency?	No	Revenues			0	Debt			
<p>This project provides the funding to design and implement the City's portion of the physical infrastructure required to implement automated speed enforcement cameras at 17 sites in 2023.</p>		Tax Supported/ Dedicated			1,360	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			2023	2024	2025	2026	
		Authority			1,360	2,040	2,040	0	
		Spending Plan			1,360	2,040	2,040	0	
FTEs			0	0	0	0			
Operating Impact			0	0	0	0			

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Project Information			Financial Details						
910937 2023 Road Safety Action Program			Class of Estimate:		Not Applicable				
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2025						
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request		6,350	Projected Yearend Unspent Bal.			0	
Builds climate resiliency?	No	Revenues	0	Debt					
<p>This program funds the 2023 initiatives identified under the 2020-2024 Strategic Road Safety Action Plan (SRSAP). The SRSAP identifies priority areas for road safety, along with countermeasures and initiatives that can be implemented to address associated collision types resulting in major injuries or fatalities. Priority areas have been identified using a data driven approach and associated countermeasures and initiatives to enhance safety and have been developed in consultation with key stakeholders and aligns with principles of a safe system approach and Vision Zero.</p>		Tax Supported/ Dedicated	6,350	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		2023	2024	2025	2026		
		Authority	6,350	25,500	36,300				0
		Spending Plan	6,350	25,500	36,300				0
		FTEs	0	0	0				0
		Operating Impact	0	0	0				0
		910938 2023 Pedestrian Safety Evaluation Prog			Class of Estimate:		C) Planning		
Dept: Public Works Department	Category: Service Enhancements	Ward: CW	Year of Completion: 2025						
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request		428	Projected Yearend Unspent Bal.			0	
Builds climate resiliency?	No	Revenues	0	Debt					
<p>Pedestrian safety is an integral component of the City's road safety strategy. The Pedestrian Safety Evaluation Program (PSEP) is a customized process that combines traffic engineering with public engagement, for prioritizing and programming pedestrian related road safety improvements to signalized and non-signalized intersections. Intersections are ranked based on risk to pedestrians, collision history, and public feedback. The goal of this program is to mitigate the frequency and severity of preventable collisions involving pedestrians, by providing guidance in the selection of cost-effective countermeasures. The PSEP is used in conjunction with the current Safety Improvement Program (SIP) studies, in the preliminary design stages of capital rehabilitation projects. Service Enhancement funding will enable the program to have a greater impact on the safety and mobility of pedestrians, with the ability to implement geometric modifications to one of the highest ranked locations every year. Locations identified for modifications will be selected annually as per the existing program.</p>		Tax Supported/ Dedicated	428	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		2023	2024	2025	2026		
		Authority	428	419	428				436
		Spending Plan	428	419	428				436
		FTEs	0	0	0				0
		Operating Impact	0	0	0				0

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Program Information		Financial Details				
Parking Lifecycle Renewal		Class of Estimate: Not Applicable				
Dept: Public Works Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various			
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request	1,580	Projected Yearend Unspent Bal. 7,611		
Builds climate resiliency?	No	Revenues	0	Debt		
This program funds all renewal activities related to the Municipal Parking Management Program, including: rehabilitation and improvement of paid parking garages, surface lots, and on-street parking; the purchase of parking payment equipment; upgrades to security and accessibility in paid parking facilities; and, the purchase and installation of electric vehicle (EV) charging infrastructure. The fulfillment of these initiatives preserves and extends the life of municipal parking infrastructure and enhances the Municipal Parking Management Program in alignment with the Municipal Parking Management Strategy.		Tax Supported/ Dedicated	1,580	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	2023	2024	2025	2026
		Authority	1,580	7,014	2,142	4,381
		Spending Plan	1,580	7,014	2,142	4,381
		FTEs	0	0	0	0
		Operating Impact	0	0	0	0

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Project(s) within a Program Information			\$000's
911005 Lifecycle Renewal - Parking Fac. 2023		Class of Estimate: Not Applicable	1,080
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	
<p>This project provides funding for annual lifecycle repair projects necessary to adapt and extend the life of off-street parking infrastructure and to ensure the safety and convenience of parking customers.</p>			
911006 On-Street Facility Modification (2023)		Class of Estimate: Not Applicable	100
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	
<p>This project supports improvements to the existing on-street parking network, including initiatives to assess performance and the implementation of measures intended to help fulfill the Municipal Parking Management Strategy.</p>			
911007 Lifecycle Renewal- Parking Improve 2023		Class of Estimate: Not Applicable	400
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2026	
<p>This project supports improvements to the existing paid parking facilities (garages and surface lots) to enhance the customer experience and provide operational efficiencies. This includes the funding of electric vehicle (EV) charging infrastructure.</p>			

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Project Information			Financial Details				
911060 Bike Parking Facilities (2023)			Class of Estimate: Not Applicable				
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2026				
Reduces greenhouse gases?	Yes - Moderate Contribution	2023 Request		500	Projected Yearend Unspent Bal.		0
Builds climate resiliency?	No	Revenues	0	Debt			
This project funds activities and infrastructure related to the implementation of the Public Bike Parking Strategy, which includes the purchase, implementation and maintenance of both secure and unsecure bike parking facilities.		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	2023	2024	2025	2026	
		Authority	500	400	400	400	400
		Spending Plan	500	400	400	400	400
		FTEs	0	0	0	0	0
		Operating Impact	0	0	0	0	0
	911008 Parking Studies - DC (2023)			Class of Estimate: Not Applicable			
Dept: Public Works Department	Category: Growth	Ward: CW	Year of Completion: 2026				
Reduces greenhouse gases?	Yes - Minor Contribution	2023 Request		120	Projected Yearend Unspent Bal.		0
Builds climate resiliency?	No	Revenues	0	Debt			
Supports various parking studies and parking data collection throughout the City related to growth. These activities are required on an on-going basis to ensure parking data is up-to-date, to respond to internal and external requirements for parking-related information and to support decisions related to the application of the Municipal Parking Management Strategy and the Rate Setting Guidelines in particular.		Tax Supported/ Dedicated	120	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	2023	2024	2025	2026	
		Authority	120	120	120	120	120
		Spending Plan	150	150	150	150	150
		FTEs	0	0	0	0	0
		Operating Impact	0	0	0	0	0

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Project Description	2023	2024	2025	2026	Total
Fleet Services					
Renewal of City Assets					
910795 Lifecycle Renewal Fleet - 2023	34,997	37,356	38,384	33,764	144,501
910796 Municipal Fleet UpFits, Facilities&Tools	280	280	280	280	1,120
Renewal of City Assets Total	35,277	37,636	38,664	34,044	145,621
Fleet Services Total	35,277	37,636	38,664	34,044	145,621
Integrated Roads, Water & Wastewater					
Renewal of City Assets					
906735 Bank St (Riverside-Ledbury)	27,050	26,530	16,240	27,590	97,410
906900 Main Greenfield Echo Concord et al	8,850	0	0	0	8,850
908137 CWWF Deepark-Hilliard-Fisher et al.	0	5,570	0	0	5,570
908139 Montreal Rd (N River Rd-St Laurent Blvd)	1,360	0	0	0	1,360
908140 City Centre Ave & Elm St	7,020	0	0	0	7,020
908141 ORAP Albert St-Bronson Ave-Slater St	3,370	0	0	0	3,370
908571 Catherine St (Bronson-Elgin)	0	0	0	1,550	1,550
908574 Grove Ave & Grosvenor	10,860	0	0	0	10,860
908575 Isabella-Chamberlain	0	0	0	1,550	1,550
908581 Valley Dr Storm Sewer	6,550	0	0	0	6,550
908646 Integrated Construction - Bulk Prjs	0	0	0	85,000	85,000
909012 Bronson Ave (Arlington-Rideau Canal)	0	0	0	27,590	27,590
909021 Woodroffe Ave (Anthony - Byron)	0	950	0	2,330	3,280
909394 Arch - Canterbury - Plesser	19,690	0	0	0	19,690
909402 Caroline Ave - Huron Ave N	11,840	0	0	0	11,840
909406 Integrated Design - Bulk Prjs	0	15,001	43,418	30,540	88,959
909407 Longpre - Marquette- Michel Cir	0	9,480	0	0	9,480
909408 Monk - Oakland -Wilton	12,490	0	0	0	12,490
909409 Winona Ave & Wilmont Ave	0	7,760	0	0	7,760
909485 Carling Ave - Churchill Ave - Kirkwood	0	24,640	0	0	24,640
909731 Piccadilly Ave (Wellington - Bassett)	3,320	0	0	0	3,320
909732 Maclaren St - Lyon St	10,730	0	0	0	10,730
909733 Pretoria Ave (Metcalf-Bank)	4,000	0	0	0	4,000
909849 Albert St. - Slater St. (Bay to Elgin)	0	16,190	0	0	16,190
910089 2021 Integrated Scoping Pre/Post Eng	600	0	0	0	600
910092 Breezehill Ave N (Gladstone - Somerset)	0	3,460	0	0	3,460

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Project Description	2023	2024	2025	2026	Total
910105 Drouin Ave (North River - West Presland)	0	1,530	0	0	1,530
910106 James St Kent St (Bronson - Bank)	0	7,650	0	0	7,650
910107 Arnhem St and Apeldoorn Ave	0	8,130	0	0	8,130
910108 Clare Dovercourt (Chruchill - Hilson & T	0	7,650	0	0	7,650
910109 Ferndale Ave (Churchill Ave N - Selby Av	0	2,200	0	0	2,200
910111 Glebe (Bank - O'Connor)	0	2,000	0	0	2,000
910112 Oakhill and Corona (Acaia - Beechwood)	0	2,700	0	0	2,700
910113 Summit Ave (Alta Vista - Fairbanks)	0	3,230	0	0	3,230
910421 2022 Infrastructure Assess & Data Collec	0	440	480	520	1,440
910433 St Joseph PS Decomission-Bruyere&Cathcar	0	1,680	0	0	1,680
910434 Highland Ave (Princeton to Dovercourt)	0	2,060	0	0	2,060
910473 Viscount Ave	0	0	4,040	0	4,040
910474 Ella St - Ralph St	0	3,360	0	0	3,360
910475 Hilda St - Manchester Ave	0	0	1,450	0	1,450
910827 2023 Integrated Scoping Pre/Post Eng	3,338	1,951	2,900	3,850	12,039
910828 2023 Road Resurfacing - CW	74,300	46,500	44,512	45,500	210,812
910829 2023 Comprehensive Asset Management	916	380	400	420	2,116
910830 Taunton PI (LI) (Davidson - DeadEnd)	310	0	640	0	950
910831 Merivale Rd (Anna Ave - Carling Ave)	2,240	0	0	0	2,240
910832 Clarey - Regent - Morris - Monk et al.	2,140	0	10,610	0	12,750
910833 Rue de L'Eglise (Montreal - McArthur)2	1,840	0	8,250	0	10,090
910834 Jeffery - Arundel - Farnham et al.	1,840	0	11,250	0	13,090
910835 Harrold - Anna - Veteran	1,840	0	0	8,340	10,180
910836 Java - Iona - Calrendon - Kenora	2,140	0	16,350	0	18,490
910837 Athlone - Lincoln - Edgewood - Eden	1,840	0	8,020	0	9,860
910838 Bay (Florence - Somerset)	770	0	3,470	0	4,240
910839 Cameron Ave - Seneca St	2,030	0	7,530	0	9,560
910840 Melbourne - Ravenhill	1,840	0	8,440	0	10,280
910841 Montfort - Alfred - Granville	1,740	0	7,380	0	9,120
Renewal of City Assets Total	226,854	201,042	195,380	234,780	858,056
Integrated Roads, Water & Wastewater Total	226,854	201,042	195,380	234,780	858,056
Transit Services					
Growth					
907436 Baseline Rd BRT (Baseline Stn-Heron Stn)	0	54,664	54,664	80,496	189,825

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Project Description	2023	2024	2025	2026	Total
909066 Kanata N. Transitway (Corkstown-Solandt)	0	0	0	2,000	2,000
910180 Origin Destination Survey (Transit)	0	519	0	0	519
911017 2023 TMP Studies	968	826	841	856	3,492
911018 2023 Park and Ride Facilities	0	1,898	1,929	1,960	5,786
911019 2023 Transit Corridor Protection	2,481	2,012	2,893	2,945	10,331
911020 2023 Rapid Transit EA Studies	2,500	1,184	1,203	1,224	6,111
911027 2023 TMP Transit Priority Network	6,205	11,276	11,520	9,104	38,105
Growth Total	12,153	72,379	73,051	98,585	256,168
Transit Services Total	12,153	72,379	73,051	98,585	256,168
Transportation Services					
Renewal of City Assets					
905530 Bridges & Bculverts - Bulk Prjs	0	0	0	21,350	21,350
906139 LCR - On/Off Street Payment Systems 2018	0	0	0	2,000	2,000
908583 Bank St Sawmill Crk [057470]	0	170	0	0	170
908597 MacKenzie King Bridge [012200-1]	2,080	0	0	0	2,080
908956 Booth St Bridge [017030]	0	1,620	0	0	1,620
909058 Scott St Restoral (Post-LRT)	0	260	0	0	260
909634 OR 174 Slope Stabilization	4,500	4,500	0	0	9,000
910101 2021 Bridge Structures - CW	7,112	0	0	0	7,112
910443 2022 Misc Structural Renewal - CW	1,200	1,700	250	0	3,150
910445 2022 Bridge Structures - CW	17,867	9,845	13,000	0	40,712
910575 New Parking Facilities	0	0	7,000	0	7,000
910814 2023 Buildings-Road Services	4,295	989	900	920	7,104
910850 2023 Preservation - CW	6,647	7,147	7,647	8,147	29,588
910851 2023 Preservation - Other	400	420	440	460	1,720
910852 2023 Roadway Network Engineering	1,500	1,620	1,740	1,860	6,720
910853 2023 Sidewalks & Pathways - CW	6,372	8,000	9,000	9,600	32,972
910854 2023 Sidewalks & Pathways - Other	350	370	390	410	1,520
910861 2023 Structures - Site-Specific	1,000	1,100	1,200	1,300	4,600
910862 2023 Misc Structural Renewal - CW	750	237	1,425	800	3,212
910863 2023 Structures Scoping Pre/Post Eng	600	660	720	780	2,760
910864 2023 Bridge Structures - CW	2,621	19,114	15,242	0	36,977
910865 2023 Bridge Preventative Maint	500	520	530	540	2,090
910866 2023 Structural Inspection	600	520	530	540	2,190

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910930 2023 Street Lighting Major Replacements	2,567	2,511	2,562	2,612	10,252
910931 2023 LCR Traffic Control Signals	1,861	1,820	1,857	1,894	7,432
910932 2023 LCR Traffic Monitoring System	448	438	447	456	1,788
910947 2023 Pedestrian Access-Intersect & Ramp.	213	208	212	216	849
910949 Roads Equipment Replacement 2023	210	215	220	225	870
910951 Traffic Induced Vibration Remediation	1,000	1,000	0	0	2,000
910959 2023 Pedestrian Facilities Program	3,000	2,975	3,024	3,613	12,612
910964 Cycling Facilities Renewal	0	1,000	0	0	1,000
910966 Ice-Snow Control and RWIS 2023	315	320	325	330	1,290
910967 LCR - PWES Works Yard 2023	335	340	350	360	1,385
911005 Lifecycle Renewal - Parking Fac. 2023	1,080	6,314	1,942	4,181	13,517
911006 On-Street Facility Modification (2023)	100	600	100	100	900
911007 Lifecycle Renewal- Parking Improve 2023	400	100	100	100	700
911011 2023 Active Transportation Missing Links	800	728	477	1,839	3,844
911013 2023 Neighbourhood Traffic Calming	2,499	1,300	2,122	1,600	7,521
911023 2023 Aerial Mapping Services	1,120	390	720	340	2,570
911024 2023 Public Realm Intervention	700	770	790	810	3,070
911063 Hintonburg Pumphouse Cons & Public Space	800	1,700	0	0	2,500
911087 2023 Minor Sidewalk Repair	1,000	1,000	1,000	1,000	4,000
Renewal of City Assets Total	76,840	82,522	76,262	68,383	304,008
Growth					
903159 Airport Parkway (Brookfield - Hunt Club)	21,500	12,780	39,913	10,403	84,596
903163 Bank Street (Leitrim to Dun Skipper)	19,375	0	0	0	19,375
904995 Earl Grey/Centrum Underpass	10,600	0	0	0	10,600
907403 Mer Bleue (Decoeur to Renaud)	2,000	4,493	0	0	6,493
909042 Robert Grant (Hazeldean to Abbott)	12,540	13,524	0	0	26,064
910165 Carp Road (Hwy 417 to Hazeldean)	2,900	0	11,149	10,277	24,326
910173 Origin-Destination Survey (Roads)	0	1,026	0	0	1,026
910802 2023 New Traffic Control Devices	2,718	2,659	2,713	2,766	10,856
910803 2023 Safety Improvement Program	1,139	1,114	1,137	1,159	4,549
910804 2023 Traffic Incident Management	453	444	452	461	1,811
910933 2023 Advanced Traffic management Program	453	444	452	461	1,811
910937 2023 Road Safety Action Program	6,350	25,500	36,300	0	68,150
910957 2023 EA Studies Arterial Roads	1,595	1,659	1,915	1,953	7,122
910958 2023 Major AT Structures Program	5,083	3,658	1,751	5,730	16,222

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910965 Roads Services Vehicle & Equipment 2023	1,030	1,050	1,070	1,090	4,240
910968 Winter Materials Storage Facility 2023	625	651	0	0	1,276
910974 Works Yards Facilities -New Growth 2023	5,050	5,150	5,358	0	15,558
911008 Parking Studies - DC (2023)	120	120	120	120	480
911010 2023 Cycling Facilities Program	7,541	5,283	5,486	5,694	24,004
911012 2023 Transportation Demand Management	356	408	416	426	1,606
911014 2023 Intersection Control Measures	8,469	15,314	11,915	9,183	44,881
911015 2023 Development Sidewalks	174	184	192	199	749
911016 2023 Network Modification Program	3,594	4,400	4,465	4,633	17,092
911060 Bike Parking Facilities (2023)	500	400	400	400	1,700
Growth Total	114,165	100,260	125,204	54,956	394,586
Service Enhancements					
908553 Albert/Slater/Mackenzie (Empress-Waller)	0	4,253	0	0	4,253
910927 2023 Pedestrian Countdown Signal Prog	677	662	676	689	2,704
910928 2023 Traffic & Pedestrian Safety Enhance	2,190	2,101	2,137	2,174	8,602
910929 2023 Cycling Safety Program	118	116	118	121	473
910934 2023 Pedestrian Crossover Program	564	552	563	574	2,252
910935 2023 Safer Roads Ottawa	474	463	473	482	1,892
910936 2023 Automated Speed Enforcement Camera	1,360	2,040	2,040	0	5,440
910938 2023 Pedestrian Safety Evaluation Prog	428	419	428	436	1,711
911028 Trim Road-OR174 Active Transportation Bridge	4,160	0	38,952	0	43,112
Service Enhancements Total	9,971	10,606	45,386	4,476	70,439
Transportation Services Total	200,977	193,388	246,852	127,815	769,033
Grand Total	475,261	504,445	553,947	495,225	2,028,878

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Fleet Services					
909282 Lifecycle Renewal Fleet	36,615	36,128	487	374	113
909619 Lifecycle Renewal Fleet - 2020	28,753	24,728	4,025	1,877	2,148
909620 Mun. Fleet Upfits, Facil. & Tools 2020	280	185	95	16	79
910002 Mun. Fleet UpFits, Facil. & Tools 2021	280	11	269	0	269
910014 Lifecycle Renewal Fleet - 2021	23,215	14,220	8,995	8,972	24
910500 Lifecycle Renewal Fleet - 2022	43,062	387	42,675	7,661	35,013
910501 Munic Fleet UpFits, Facilities&Tools-2022	280	0	280	0	280
Fleet Services Total	132,485	75,661	56,824	18,900	37,924
Integrated Roads, Water & Wast					
905581 O-OTM Carling Ave (Bronson-Bayswater)	2,360	1,601	759	0	759
906056 Albert St / Scott St	13,499	6,380	7,118	541	6,577
906531 Comprehensive Asset Management	1,130	1,086	44	34	10
906579 O-OTM Main St (Echo-Springhurst)	21,873	20,971	902	0	902
906586 O-OTM Bronson (Canal-Carling)	2,000	1,738	262	0	262
906735 Bank St (Riverside-Ledbury)	46,680	2,030	44,650	870	43,780
906737 Queen St (Bronson-Elgin)	5,349	4,530	819	744	75
906882 Elgin (Lisgar - Isabella)	38,915	37,919	996	799	197
906890 CWWF Lavergne-Joliet-Ste Cecile	18,057	17,181	876	0	876
906900 Main Greenfield Echo Concord et al	37,670	6,741	30,929	2,605	28,324
906901 CWWF ORAP - Loretta Ave N&S - Laurel St	18,801	5,693	13,108	215	12,894
907954 Manotick Pump Station Overflow	535	0	535	0	535
908137 CWWF Deerpark-Hilliard-Fisher et al.	27,795	16,730	11,065	1,616	9,449
908138 CWWF Avenue N-O-P-Q-R-S-T-U	11,296	8,972	2,324	401	1,923
908139 Montreal Rd (N River Rd-St Laurent Blvd)	60,377	44,583	15,794	4,995	10,799
908140 City Centre Ave & Elm St	1,030	250	780	122	658
908141 ORAP Albert St-Bronson Ave-Slater St	44,480	15,877	28,603	22,959	5,643
908142 CWWF McLeod - Florence	9,347	8,447	900	27	873
908370 Integrated Departmental Mgmt Plan	9,500	8,822	677	153	524
908487 2019 Integrated Scoping Pre/Post Eng	806	799	7	3	4
908567 Alta Vista Dr	200	145	55	0	55
908568 Ashburn - Hogan - Wigan - Ness	12,040	11,534	506	299	207
908569 Borthwick-Quebec-Gardenvale	6,690	5,570	1,120	875	245

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908570 Byron-Athlone-Highcroft	16,081	3,127	12,954	11,726	1,228
908571 Catherine St (Bronson-Elgin)	200	168	32	4	28
908572 Fairbairn-Bellwood-Willard-Belmont	8,527	6,783	1,744	1,068	677
908573 Gibson-Denver-Tampa-Orlando	3,795	3,571	224	74	150
908574 Grove Ave & Grosvenor	1,050	624	426	234	192
908575 Isabella-Chamberlain	50	52	(2)	0	(2)
908580 CWWF Queensway Terrace North Sewer	16,695	9,870	6,825	4,932	1,893
908581 Valley Dr Storm Sewer	28,454	17,343	11,111	8,425	2,686
908582 N River Rd (Montreal-Dead EndNof Coupal)	3,300	2,397	903	522	381
908645 St Denis - Lavergne - Ste Monique	17,685	13,835	3,850	2,579	1,271
908672 PTIF-Richmond Rd-Sidewalk Reconstruct-43	1,750	1,401	349	0	349
908726 CWWF Vanier Parkway - Presland Rd et al	7,215	6,636	579	345	234
908835 Mann-Range-Russell-Templeton	11,120	9,480	1,640	683	958
908941 2018 Scoping Pre/Post Engineering	244	173	71	44	27
908949 2018 Road Resurfacing - CW	49,464	49,270	194	100	94
909012 Bronson Ave (Arlington-Rideau Canal)	7,980	5,349	2,631	0	2,631
909272 Scott St. (West of Smirle Ave)	8,687	8,242	445	0	445
909374 2019 Road Resurfacing - CW	51,664	50,558	1,106	156	951
909394 Arch - Canterbury - Plesser	942	668	274	234	40
909400 Bel-Air Dr, Bedbrooke St et al	14,024	5,473	8,550	5,526	3,024
909401 Broadview Ave	2,043	1,463	580	561	19
909402 Caroline Ave - Huron Ave N	4,110	1,887	2,223	716	1,507
909404 Claymor & Senio	8,556	8,417	138	92	46
909407 Longpre - Marquette- Michel Cir	2,400	483	1,917	279	1,638
909408 Monk - Oakland -Wilton	1,560	385	1,175	0	1,175
909409 Winona Ave & Wilmont Ave	980	435	545	237	309
909485 Carling Ave - Churchill Ave - Kirkwood	1,900	830	1,070	629	441
909692 2020 Intrated Scoping Pre/Post Eng	1,000	881	119	97	22
909693 2020 Road Resurfacing - CW	42,033	39,879	2,154	1,809	345
909731 Piccadilly Ave (Wellington - Bassett)	500	261	239	100	138
909732 Maclaren St - Lyon St	2,550	357	2,193	189	2,005
909733 Pretoria Ave (Metcalf-Bank)	910	286	624	155	469
909739 2020 Surveys & Mapping	260	259	1	0	1
909751 2020 Comprehensive Asset Management	360	236	124	4	121

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910045 2021 Surveys & Mapping	320	313	7	0	7
910085 Valley Dr Storm Sewer Phase 2	2,640	62	2,578	0	2,578
910089 2021 Integrated Scoping Pre/Post Eng	1,664	259	1,405	0	1,405
910090 2021 Road Resurfacing - CW	37,907	30,901	7,005	4,944	2,061
910091 2021 Comprehensive Asset Management	360	28	332	0	332
910092 Breezehill Ave N (Gladstone - Somerset)	1,172	18	1,154	0	1,154
910105 Drouin Ave (North River - West Presland)	684	132	552	55	496
910106 James St Kent St (Bronson - Bank)	2,445	325	2,120	334	1,785
910107 Arnhem St and Apeldoorn Ave	1,588	37	1,551	0	1,551
910108 Clare Dovercourt (Chruchill - Hilson & T	2,180	67	2,113	0	2,113
910109 Ferndale Ave (Churchill Ave N - Selby Av	731	116	615	0	615
910110 Farnham, Eastbourne and Ava	1,615	0	1,615	0	1,615
910111 Glebe (Bank - O'Connor)	751	19	732	267	464
910112 Oakhill and Corona (Acaia - Beechwood)	732	9	723	0	723
910113 Summit Ave (Alta Vista - Fairbanks)	1,272	78	1,194	218	976
910390 2022 Aerial Mapping Services	365	48	317	58	259
910421 2022 Infrastructure Assess & Data Collec	2,429	55	2,373	258	2,115
910422 2022 Integrated Scoping Pre/Post Eng	1,740	0	1,740	0	1,740
910423 2022 Road Resurfacing - CW	76,173	28,533	47,640	42,064	5,576
910424 2022 Comprehensive Asset Management	1,644	0	1,644	0	1,644
910432 Quality Management System	2,000	49	1,951	281	1,670
910433 St Joseph PS Decomission-Bruyere&Cathcar	882	130	752	0	752
910434 Highland Ave (Princeton to Dovercourt)	1,008	2	1,006	0	1,006
910473 Viscount Ave	1,050	0	1,050	0	1,050
910474 Ella St - Ralph St	1,344	1	1,343	0	1,343
910475 Hilda St - Manchester Ave	736	0	736	0	736
910656 ORAP Albert Bronson Slater	896	0	896	0	896
Integrated Roads, Water & Wast Total	854,845	539,861	314,984	127,257	187,727
Planning & Development					
910706 CCRF - Stittsville Main	1,000	8	992	756	236
910710 CCRF - Waller Mall	1,220	1	1,219	0	1,219
910716 Hickory Street Streetscaping Improvement	650	0	650	0	650
Planning & Development Total	2,870	10	2,860	756	2,105

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Transit Services					
904482 Western Transitway (Bayshore-Moodie)	43,436	39,576	3,860	57	3,804
906558 2012 TRANS Projects	1,329	1,431	(101)	29	(130)
906936 2017 to 2021 TRANS Projects	1,220	547	673	384	289
907434 2014 Transit Corridor Protection	2,070	1,694	376	4	372
907436 Baseline Rd BRT (Baseline Stn-Heron Stn)	8,400	0	8,400	0	8,400
907838 2015 Transit Corridor Protection	2,140	1,053	1,087	7	1,080
908238 2016 Park and Ride Facilities	5,047	330	4,717	0	4,717
908239 2016 Transit Corridor Protection	5,240	5,224	16	16	(0)
908358 Chapel Hill Park & Ride	8,500	8,165	335	153	182
908549 2017 Park and Ride Facilities	1,600	0	1,600	0	1,600
908550 2017 Transit Corridor Protection	1,700	1,165	535	0	535
908551 2017 Transportation Master Plan	700	691	9	0	9
908552 2019 Origin Destination Survey (Transit)	438	0	438	421	17
908554 2017 Rapid Transit EA Studies	2,155	1,497	658	109	550
908564 2017 TMP Transit Priority Network	1,500	532	968	25	943
908665 PTIF 033 Baseline Corr-Bayshore-Billings	6,000	5,360	640	470	169
908666 PTIF 036 ChapmanMills BeatriceLongfields	3,000	2,772	228	0	228
908667 PTIF 029 Kanata LRT Extension - EA	3,000	1,680	1,320	0	1,320
908751 2018 Transportation Master Plan	700	294	406	406	0
908770 2018 TMP Transit Priority Network	5,470	9	5,461	0	5,461
909067 2018 Rapid Transit EA Studies	1,200	965	235	235	0
909460 2019 Transportation Master Plan	767	461	306	306	0
909461 2019 Park and Ride Facilities	3,229	0	3,229	0	3,229
909462 2019 Transit Corridor Protection	1,731	1,562	169	0	169
909523 Fleet Maintenance Technology System	1,900	93	1,807	0	1,807
909616 LRT2 Transit Infr. Condition Assessment	125	1	124	0	124
909789 2020 Transportation Master Plan	725	466	259	96	163
910179 2021 TMP Studies	760	0	760	0	760
910181 2021 TMP Transit Priority Network	22,500	128	22,372	162	22,210
910184 2021 Rapid Transit EA Studies	1,080	0	1,080	0	1,080
910606 2022 TMP Studies	498	0	498	0	498
910607 2022 TMP Transit Priority Network	7,811	0	7,811	0	7,811

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910608 2022 Park and Ride Facilities	5,213	0	5,213	0	5,213
910609 2022 Transit Corridor Protection	5,540	0	5,540	0	5,540
910610 2022 Rapid Transit EA Studies	1,141	36	1,105	285	820
910611 2022 to 2026 TRANS Projects	1,527	0	1,527	0	1,527
910672 PTIF- Chief William Commanda Br MUP	540	540	0	0	0
Transit Services Total	159,932	76,271	83,661	3,164	80,498
Transportation Services					
902997 DCA-Abbott Street	782	417	365	0	365
903159 Airport Parkway (Brookfield - Hunt Club)	7,364	493	6,871	1,237	5,633
903163 Bank Street (Leitrim to Dun Skipper)	39,889	759	39,130	500	38,630
903171 ENCB*Greenbank Rd (Malvern - Strandherd)	42,899	42,366	533	0	533
903176 ENCB*Hunt Club (Russell/Hwy 417)	58,743	57,867	876	11	865
903196 Campeau Dr (Huntmar to Didsbury)	32,205	21,398	10,807	2,260	8,547
903242 Chapman Mills Dr (Woodroffe-Longfields)	2,377	0	2,377	0	2,377
903601 2010 Richardson & Huntmar TCS	3,450	3,039	411	260	150
904995 Earl Grey/Centrum Underpass	12,234	771	11,463	114	11,349
905479 Huntley Yard Winter Mat Stor Fac-Rep&Exp	2,946	3	2,943	0	2,943
905719 Strandherd / Armstrong Bridge	56,016	71,449	(15,433)	119	(15,552)
905931 2017 Area Traffic Management	670	609	61	8	53
906387 Works Yard Facilities- New Growth Svce	6,152	625	5,527	29	5,498
906542 2019 Origin Destination Survey (Roads)	865	19	846	750	95
906808 2013 New Parking Facilities - Glebe	9,729	9,597	132	58	74
906920 Kanata South Link (Hope Side to Hwy 416)	42,932	31,581	11,351	1,174	10,177
907019 Harmer Ave Ped Bridge over Hwy 417	13,484	12,702	782	47	734
907031 Porters Island Bridge SN013250	688	260	428	189	239
907067 PTIF 037Rideau Canal Crossing-FifthClegg	18,800	18,747	53	76	(23)
907254 Winter Materials Storage Facility	911	470	441	29	412
907272 2014 Safety Improvement Program	1,585	1,175	410	25	385
907398 2015-2017 Cycling Facilities Program SI	525	87	438	0	438
907399 2015-2017 Pedestrian Facilities Program	3,495	2,108	1,388	556	832
907405 Strandherd Dr Ph2(Maravista to Jockvale)	93,980	57,779	36,201	16,272	19,929
907444 FEA2015-Greenbank Rd(Cambrian-Kilbernie)	5,788	0	5,788	0	5,788
907448 2014 Pedestrian Facilities Program	750	583	167	131	36

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907551 DCA-Brian Coburn (Portobello-Montmere)	3,057	2,883	174	0	174
907553 DCA-Signals - Bank St at Analedea	179	0	179	0	179
907847 2015-2018 Community Connectivity SI	626	560	66	0	66
907848 2015 Cycling & Ped Major Structures Prog	2,355	597	1,758	387	1,371
907849 Gerald Street Pathway	276	8	268	0	268
907903 Rideau Street Streetscaping	14,679	13,377	1,302	955	347
907966 Public Works Maint Mgmt System Project	2,386	1,410	977	0	977
907984 Traffic&Ped. Safety Enh Prog-Ward Ini.SI	5,600	5,615	(15)	0	(15)
907997 CC4 Ogilvie Rd. MUP	2,541	2,401	140	40	100
908001 CC13 Cycling signage & promotion	48	48	0	0	0
908008 P1-21 Hogs Back Link-Sawmill Creek Link	170	170	0	0	0
908049 2016 Safety Improvement Program	998	786	212	216	(3)
908064 Lifecycle Renewal Fleet - Transportation	23,751	22,660	1,091	1,088	3
908156 2019 Miisc Structural Renewal - CW	785	759	26	15	12
908210 2016 EA Studies Arterial Rds	2,893	806	2,087	570	1,517
908219 2016 Network Modification Program	4,110	4,048	62	0	61
908249 Centrum Boulevard Ext. Land Acquisition	1,770	344	1,426	0	1,426
908275 2018 Pedestrian Facilities Program	212	8	204	0	204
908276 2018 Cycling Facilities Program	298	4	295	0	295
908289 P1-15 Woodroffe (Norce to College)	297	104	193	74	120
908333 CC8 Belfast Rd Trainyards MUPenhancement	1,190	669	521	244	277
908334 CC10 Osgoode to Manotick Link	1,203	872	331	25	306
908364 P1-9-FEA2018-Rideau River Western Path	560	427	133	0	133
908400 2017 LifeCycle Renewal Parking Facilities	1,964	1,532	432	38	394
908405 2017 New Street Lighting	380	370	10	9	2
908477 Roads Asset Management System	1,925	87	1,838	0	1,838
908529 Vanguard Dr Ext EA & Functional Design	750	256	494	0	494
908553 Albert/Slater/Mackenzie (Empress-Waller)	2,641	418	2,223	2,057	167
908562 2017 Network Modification Program	2,539	1,526	1,013	7	1,006
908583 Bank St Sawmill Crk [057470]	555	24	531	46	485
908584 AirportPkwy NB WalkleyRamp Twin Bculvert	2,740	2,492	248	221	27
908587 Bank St Canal Bridge [012010]	2,560	1,958	602	537	66
908589 Belfast Rd O/P VIA [055980]	3,169	1,337	1,832	1,457	375
908596 Lemieux island Pipe Bridge SN017160	150	143	7	0	7

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908597 MacKenzie King Bridge [012200-1]	17,643	2,640	15,003	14,711	292
908627 PTIF 049 CC5 QED Crossing CommPark/QEPI	609	609	0	0	0
908628 PTIF 053 Trans Orleans Pathway align Mod	1,000	426	574	0	574
908629 PTIF 046 Trillium Ph3(Carling-Dows Lake)	550	448	102	0	102
908644 2017 Pedestrian Missing Links Studies	180	102	78	40	38
908668 PTIF 031 Cycle&Ped Links at MTO O/P	2,000	272	1,728	0	1,728
908669 PTIF 051Public Transit s'walk connection	1,550	1,550	0	0	0
908670 PTIF 038Rideau R Cross-Confed-Carleton U	567	567	0	0	0
908671 PTIF 047AODA Enhancement of Intersection	816	458	358	0	358
908673 PTIF 042 Heron Rd Bike Colbert-Jefferson	422	422	0	0	0
908674 PTIF 041 Heron Rd Bike Trk HeronStn-Bank	650	650	0	0	0
908675 PTIF 048Hunt Club CyRiverside-PaulBenoit	550	274	276	0	276
908676 PTIF 044Kanata Ncycle link Carling/March	800	377	423	0	423
908677 PTIF 045Kanata NCycleLink Herzberg/March	1,050	1,050	0	0	0
908678 PTIF 059 MUP Ogilvie-St. Laurent Station	200	187	13	0	13
908679 PTIF 040 Rural cycling routes	1,770	1,770	0	0	0
908680 PTIF 052 McArthur Street Bike Lane	350	350	0	0	0
908681 PTIF 050Rideau R Path light&link thru pk	1,225	1,225	0	0	0
908712 PTIF-Manotick Pathway (Main St-River Rd)	1,200	474	726	0	726
908713 PTIF-Multi-Use Pathway Renewal (057)	4,541	4,541	0	0	0
908714 PTIF-Sidewalk Renewal (058)	4,877	4,877	0	0	0
908735 CWWF Carp Snow Disposal Facility	7,450	7,343	107	33	74
908774 PTIF 039 Rideau River Bank/Riverside	2,050	1,205	845	0	845
908777 FEA2021-Goulbourn Forced Road	7,000	0	7,000	0	7,000
908788 P1-25 Lowertown - New Edinburgh Bikeway	60	59	1	1	(0)
908789 P1-33 Citywide Enhancmnts & Bike Parking	446	337	109	90	19
908795 PTIF 011 Bicycle Shelter Tway Stations	150	146	4	0	4
908796 PTIF 012 Enclosed Bicycle parking areas	500	500	0	0	0
908810 2017 Huntmar Drive at Maple Grove Road	475	373	102	49	53
908837 PTIF 047 - AODA_Mackay	200	200	0	0	0
908838 PTIF 047 - AODA_Churchill	91	91	0	0	0
908839 PTIF 047 - AODA_Colonnade	178	178	0	0	0
908851 PTIF 047 - AODA_Corktown	132	132	0	0	0
908877 2018 Street Lighting Major Replacements	2,710	2,651	59	60	(1)

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908890 2018 Safety Improvement Program	1,000	448	552	0	552
908907 2017 Barnsdale at Prince of wales	4,600	4,094	506	173	333
908919 2019 Public Realm Minor Interventions	748	669	79	0	79
908928 2018 Buildings-Road Services	3,135	3,009	126	111	16
908956 Booth St Bridge [017030]	1,200	314	886	0	886
908959 Pooley's Ped Bridge [017240]	2,820	310	2,510	2,068	442
908977 2018 Sidewalk & Pathway renewal	2,546	2,399	147	15	132
909009 PTIF 047 - AODA_Ogilvie	177	177	0	0	0
909011 PTIF 047 - AODA_Donald	440	440	0	0	0
909023 Works Yard Facilities- New Growth Svce	4,850	0	4,850	0	4,850
909043 Greenbank (Chapman Mills to Barnsdale)	33,600	1,423	32,177	1,833	30,344
909044 2018 Barrhaven Rail Safety Program	2,000	1,794	206	69	136
909055 2018 Intersection Control Measures	3,500	2,853	647	69	578
909056 2018 Pedestrian Access-Intersection & Ra	89	72	17	3	14
909057 2018 Active Transportation Missing Links	192	53	138	98	40
909058 Scott St Restoral (Post-LRT)	4,400	699	3,701	560	3,140
909061 2018 Area Traffic Management	668	655	13	0	13
909062 2018 Network Modification Program	3,200	2,938	262	193	69
909121 LCR - Parking Facilities (2018)	1,775	1,566	209	0	209
909145 PTIF 047 - AODA_Cedarview	340	340	0	0	0
909201 Longfields Dr (Cambrian-Prince of Wales)	4,544	2,238	2,306	32	2,274
909221 2018 Barnsdale Road at Rideau Valley Dr.	100	67	33	26	8
909222 2018 Conroy Road at Davidson Road	100	79	21	11	10
909224 2018 PXO Projects.	362	335	27	0	27
909238 2018 Wards 7 and 11 Sidewalk Projects	555	421	133	3	130
909261 P1-30 Laurier (Nicholas to Cumberland)	1,213	805	408	263	145
909262 P2-11 St Laurent Station to Aviation Pkw	255	231	24	7	17
909263 P2-16a Wellington Cycle (Bank-Mackenzie)	324	264	59	56	4
909264 P1-12b Mackenzie Cycling (Rideau - Daly)	38	22	16	5	11
909278 McArthur Avenue Cycling Lanes	377	302	75	2	73
909317 2019 Safety Improvement Program	1,031	403	628	17	611
909318 2019 Traffic Incident Management	2,063	319	1,744	3	1,742
909319 2019 Street Lighting Major Replacements	2,849	2,225	624	256	368
909322 2019 Advanced Traffic Management Program	405	143	262	0	262

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909368 2019 Buildings-Road Services	3,645	3,068	577	143	434
909380 2019 Preservation - CW	4,245	4,144	101	0	101
909388 2019 Sidewalks & Pathways - CW	2,766	2,696	70	18	52
909397 2019 Pedestrian Safety Evaluation Prog.	380	124	256	18	238
909422 2019 Lifecycle Renew - PWES Works Yard	531	145	386	0	386
909425 Ice-Snow Control and RWIS Tech 2019	150	131	19	0	19
909426 LCR - Parking Facilities (2019)	800	385	415	47	367
909435 Roads Services Vehicle & Equipment (2019)	910	543	367	0	367
909437 LCR-Parking Facility Improvements (2019)	825	67	758	0	758
909438 2019 Bridge Structures - CW	3,787	3,251	536	29	507
909455 P1-15 Stg2-Baseline Stn-MUP Configuratio	65	0	65	65	0
909457 P1-15 Woodroffe MUP(Norice-College)	565	449	116	16	99
909458 2019 Intersection Control Measures	8,257	5,544	2,713	93	2,620
909464 2019 Active Transportation Missing Links	193	0	193	0	193
909465 2019 Pedestrian Access-Intersect & Ramp	200	0	200	3	197
909466 2019 Pedestrian Facilities Program	395	61	333	65	268
909467 2019 Cycling Facilities Program	100	9	91	0	91
909468 2019 Development Sidewalks	153	71	82	18	64
909470 2019 Area Traffic Management	745	703	42	30	12
909471 2019 Network Modification Program	3,300	2,755	545	315	231
909569 P1-21 Hog's Back Road	833	466	367	0	367
909597 Cyrville Station to Ogilvie MUP	1,045	880	165	164	0
909604 P1-19 Heron Road Cycling Facility	400	352	48	7	41
909612 Moodie yard Redevelopment	4,760	0	4,760	0	4,760
909614 Roads Services Vehicle & Equipment 2020	930	87	843	0	843
909628 PTIF 047 - AODA - Heron	626	626	0	0	0
909629 Dovercourt Ave Sidewalk	595	108	487	441	46
909630 Varley Dr. Sidewalk	291	25	266	19	248
909631 Halton Terrace Sidewalk	958	134	824	24	800
909633 P1-13 O'Connor Phase 1B	70	67	3	3	0
909634 OR 174 Slope Stabilization	1,100	0	1,100	0	1,100
909635 2020 Accessible Pedestrian Signal / Pede	600	548	52	0	52
909636 2020 Pedestrian Safety Evaluation Progra	380	0	380	0	380
909637 2020 New Traffic Control Devices	322	62	260	92	168

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909638 2020 Safety Improvement Program	1,010	380	630	253	376
909639 2020 Traffic Incident Management	402	118	284	0	284
909640 2020 Street Lighting Major Replacements	2,276	2,073	203	151	52
909641 2020 LCR Traffic Control Signals	1,250	971	279	79	200
909642 2020 LCR Traffic Monitoring System	406	362	44	0	44
909643 2020 Advanced Traffic Management Program	402	168	234	176	58
909644 2020 Traffic & Pedestrian Safety Enhance	788	673	115	18	96
909645 2020 Pedestrian Crossover Program	500	514	(14)	49	(63)
909647 2020 Safer Roads Ottawa	360	329	31	6	25
909656 Ice-Snow Control and RWIS Tech 2020	295	33	262	0	262
909657 2020 LCR - PWES Works Yard	85	51	34	0	34
909658 2020 Winter Materials Storage Facility	560	476	84	44	40
909679 2020 Buildings - Roads Services	1,900	1,612	288	37	251
909700 2020 Preservation - CW	4,708	4,261	447	0	447
909701 2020 Preservation - Other	540	473	67	0	67
909702 2020 Roadway Network Engineering	900	866	34	33	1
909703 2020 Structures - Site - Specific	1,205	1,016	189	60	129
909704 2020 Misc Structural Renewal - CW	799	458	341	246	95
909705 2020 Structures Scoping Pre/Post Eng	500	479	21	5	16
909706 2020 Bridges Structures - CW	13,576	8,475	5,101	1,681	3,420
909711 2020 Sidewalks & Pathways - CW	2,949	2,633	316	117	198
909712 2020 Sidewalks & Pathways - Other	50	45	5	0	5
909740 2020 Public Realm Intervention	718	448	270	26	244
909776 2020 Pedestrian Access-Intersect & Ramp	225	64	161	20	141
909777 2020 Active Transportation Missing Links	572	139	433	17	416
909779 Robert Grant (Palladium-Palladium Realgn	11,606	0	11,606	0	11,606
909781 2020 Pedestrian Facilities Program	2,492	284	2,208	4	2,204
909782 2020 Cycling Facilities Program	869	206	663	0	663
909784 2020 Transportation Demand Management	545	303	242	177	64
909785 2020 Neighbourhood Traffic Calming	2,000	1,159	841	407	434
909786 2020 Intersection Control Measures	4,232	1,505	2,727	305	2,422
909787 2020 Development Sidewalks	164	0	164	0	164
909788 2020 Network Modification Program	3,020	2,725	295	3	293
909851 Works Yards/Facilities - Design & Constr	4,687	0	4,687	0	4,687

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909852 LCR - Parking Facilities (2020)	2,015	583	1,432	82	1,349
909853 On-Street Facility Modification 2020	860	496	364	31	333
909854 LCR - Parking Facility Improvements 2020	575	124	451	40	412
909855 Parking Studies - DC 2020	200	47	153	0	153
909856 Road Safety Action Plan Program	4,000	2,567	1,433	372	1,060
909862 Pre/Post Construction	300	0	300	49	250
909863 Old Second Line Rd-Curb Barrier Installa	150	72	78	4	74
909868 P1-38 Old St. Patrick Beausoleil-Cobourg	20	0	20	0	20
909869 P1-35b St. Patrick (King Ed-Dalhousie)	240	155	85	5	81
909870 O'Connor Phase 2	260	102	158	153	5
909912 P2-1 Walkley Road	320	202	118	125	(7)
909973 St. Joseph Blvd Septic Repair	40	35	5	0	5
909976 P2-5 Richmond - Hwy 417 to Carling	100	79	21	14	7
909977 Heron / Canadian Tire RMA	120	0	120	0	120
909978 Heron Phase 1-Clover-Canadian Tire	2,254	1,662	592	168	424
909998 2021 Accessible Pedestrian Signal / Pede	614	428	186	0	186
909999 2021 Pedestrian Safety Evaluation Progra	255	21	234	38	195
910001 Smyth/Riverside Cycling Improvements	550	7	543	0	543
910003 2021 LCR Traffic Control Signals	1,688	1,394	294	329	(35)
910004 2021 LCR Traffic Monitoring System	415	189	226	34	192
910010 2021 New Traffic Control Devices	2,465	952	1,513	699	814
910011 2021 Safety Improvement Program	1,033	31	1,002	51	951
910012 2021 Traffic Incident Management	411	104	307	13	294
910013 2021 Street Lighting Major Replacements	2,328	2,116	212	224	(12)
910016 Roads Equipment Replacement (2021)	195	143	52	0	52
910017 Ice-Snow Control and RWIS Tech (2021)	300	47	253	0	253
910018 2021 LCR - PWES Works Yard	320	0	320	0	320
910019 2021 Winter Materials Storage Facility	575	292	283	0	283
910020 2021 Advanced Traffic management Program	411	211	200	0	200
910021 2021 Traffic & Pedestrian Safety Enhance	806	545	261	74	186
910022 2021 Pedestrian Crossover Program	512	287	225	0	225
910023 2021 Cycling Safety Program	107	72	35	0	35
910024 2021 Safer Roads Ottawa	430	357	73	9	63
910043 2021 Buildings-Road Services	3,625	2,531	1,094	341	753

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910046 2021 Public Realm Intervention	500	0	500	185	315
910095 2021 Preservation - CW	5,434	3,372	2,062	1,165	897
910096 2021 Preservation - Other	450	273	177	86	92
910097 2021 Roadway Network Engineering	1,000	504	496	368	129
910098 2021 Structures - Site-Specific	3,600	3,410	190	57	133
910099 2021 Misc Structural Renewal - CW	360	357	3	1	2
910100 2021 Structures Scoping Pre/Post Eng	500	407	93	46	48
910101 2021 Bridge Structures - CW	12,305	3,532	8,773	2,407	6,366
910103 2021 Sidewalks & Pathways - CW	4,800	1,462	3,338	2,407	931
910104 2021 Sidewalks & Pathways - Other	350	142	208	0	208
910162 2021 Pedestrian Access-Intersect & Ramp.	342	91	251	0	251
910163 2021 Active Transportation Missing Links	376	56	320	54	266
910164 2021 TMIP Richmond Rd/Westboro	1,833	0	1,833	0	1,833
910170 2021 Cycling & Pedestrian Major Structur	2,570	255	2,315	148	2,166
910171 2021 Pedestrian Facilities Program	2,556	56	2,500	58	2,441
910172 2021 Cycling Facilities Program	2,180	566	1,614	0	1,614
910174 2021 Transportation Demand Management	348	34	314	140	174
910175 2021 Neighbourhood Traffic Calming	2,046	310	1,736	281	1,455
910176 2021 Intersection Control Measures	12,000	795	11,205	2,955	8,250
910177 2021 Development Sidewalks	171	108	63	19	44
910178 2021 Network Modification Program	3,700	2,261	1,439	1,274	165
910212 2021 Road Safety Action Program	4,000	1,317	2,683	939	1,744
910213 Lifecycle Renewal - Parking Facilities (1,275	128	1,147	7	1,141
910214 On-Street Facility Modification (2021)	300	100	200	15	186
910220 Lifecycle Renewal - Parking Facility Imp	200	0	200	0	200
910221 Parking Studies - DC (2021)	345	0	345	0	345
910271 ICIP-ATI - Bike Facility (AMB)	120	20	101	48	53
910282 ICIP-ATI - Multi-use Pathway (AMB)	1,586	1,051	535	70	465
910283 ICIP-ATI - Sidewalks	2,278	1,420	858	231	627
910293 ICIP-ATI - Wayfinding Signage	391	253	138	60	78
910295 ICIP-ATI - Pedestrian Crossovers	1,034	956	78	10	68
910296 ICIP-ATI - Pedestrian Signal	646	354	292	70	222
910297 ICIP-ATI - Bike Facility (TP)	275	3	272	271	1
910298 ICIP-ATI - Multi-use Pathway (TP)	2,428	1,394	1,033	181	852

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910306 P1-25 Lowertown - New Edinburgh Bikeway	215	188	27	0	27
910329 Laurier - Nicholas to Waller	1,328	0	1,328	1,328	0
910335 P2-10 Belfast	1,150	405	745	741	5
910336 Chapel-Beausoleil-York Cycling Route	125	47	78	54	25
910342 Bridge Preventative Maint	269	76	193	12	181
910349 P2-1 Walkley Transitway to Riverside Dr	1,800	847	953	480	473
910353 Structural Inspection	500	486	14	65	(51)
910361 Intersection Design for Bike Projects	10	0	10	0	10
910366 P2-18 Citywide Enhancement and Bike Park	300	250	50	30	20
910391 2022 Public Realm Intervention	761	347	414	28	385
910408 2022 Buildings-Road Services	4,291	50	4,241	24	4,217
910427 2022 Preservation - CW	5,947	113	5,834	4,672	1,162
910428 2022 Preservation - Other	450	95	355	0	355
910429 2022 Roadway Network Engineering	1,500	0	1,500	85	1,415
910430 2022 Sidewalks & Pathways - CW	13,105	1,354	11,751	3,891	7,860
910431 2022 Sidewalks & Pathways - Other	350	38	312	0	312
910442 2022 Structures - Site-Specific	1,000	0	1,000	5	995
910443 2022 Misc Structural Renewal - CW	315	19	296	187	109
910444 2022 Structures Scoping Pre/Post Eng	600	39	561	304	257
910445 2022 Bridge Structures - CW	4,580	39	4,541	1,571	2,969
910446 2022 Bridge Preventative Maint	500	8	492	0	492
910447 2022 Structural Inspection	525	163	362	84	278
910454 CCRF - Village Pathway Improvements	1,100	0	1,100	0	1,100
910455 CCRF - Suburban Pedestrian Accessibility	1,210	0	1,210	0	1,210
910480 2022 Accessible Ped Signal/Countdown Prg	637	29	608	0	608
910481 2022 Pedestrian Safety Evaluation Prg	403	0	403	0	403
910482 2022 New Traffic Control Devices	2,779	27	2,752	137	2,615
910483 2022 Safety Improvement Program	1,961	181	1,780	514	1,265
910484 2022 Traffic Incident Management	426	0	426	0	426
910485 2022 Street Lighting Major Replacements	2,754	289	2,465	1,154	1,311
910486 2022 LCR Traffic Control Signals	1,750	62	1,688	95	1,593
910487 2022 LCR Traffic Monitoring System	421	104	317	31	286
910488 2022 Advanced Traffic management Program	426	0	426	0	426
910489 2022 Traffic & Ped Safe Enhanc Prg-Wards	1,712	591	1,121	55	1,066

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910490 2022 Pedestrian Crossover Program	530	6	524	0	524
910491 2022 Cycling Safety Program	168	18	150	0	150
910492 2022 Safer Roads Ottawa	455	125	330	14	316
910493 2022 Road Safety Action Program	7,200	353	6,847	968	5,880
910540 Ice-Snow Control and RWIS Technolog 2022	310	232	78	0	78
910541 LCR - PWES Works Yard 2022	330	0	330	0	330
910542 Roads Equipment Replacement 2022	205	0	205	0	205
910543 Roads Services Vehicle & Equipment 2022	970	0	970	0	970
910544 Works Yards Facilities - Growth 2022	4,950	0	4,950	0	4,950
910545 Winter Materials Storage Facility 2022	585	0	585	0	585
910546 Lifecycle Renewal - Parking Facilit 2022	3,827	21	3,806	23	3,782
910547 On-Street Facility Modification 2022	100	0	100	0	100
910548 Lifecycle Renewal - Parking Facility Imp	300	0	300	0	300
910549 Parking Studies - DC 2022	150	0	150	0	150
910570 Bike Parking Facilities	700	0	700	0	700
910575 New Parking Facilities	7,000	0	7,000	0	7,000
910593 2022 Pedestrian Access-Intersect & Ramp.	200	0	200	0	200
910594 2022 Active Transportation Missing Links	1,200	0	1,200	0	1,200
910595 Richmond(Bayshore-Dumaurier) incl struct	1,000	0	1,000	0	1,000
910598 2022 Major AT Structures Program	2,166	101	2,065	146	1,919
910599 2022 Pedestrian Facilities Program	2,919	154	2,765	0	2,765
910600 2022 Cycling Facilities Program	4,901	231	4,670	0	4,670
910601 2022 Transportation Demand Management	100	0	100	0	100
910602 2022 Neighbourhood Traffic Calming	2,122	7	2,115	227	1,888
910603 2022 Intersection Control Measures	9,447	552	8,895	99	8,796
910604 2022 Development Sidewalks	171	0	171	0	171
910605 2022 Network Modification Program	3,208	10	3,198	79	3,119
910638 Pedestrian Bridge at Trim Road	2,000	0	2,000	0	2,000
910640 2022 New Fleet Vehicles	368	0	368	0	368
910641 2022 Automated Speed Enforcement Camera	486	0	486	287	199
910665 Mackenzie to Daly Cycling Facility	1,000	65	935	179	756
910705 Barnsdale Rd Interchange EA Study	1,770	0	1,770	0	1,770
910714 Minor Sidewalk Repair	1,000	3	997	0	997
910724 FEA2021 Leitrim/Bank Improvements	912	525	387	0	387

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910725 FEA2021 Bank Street Widening	641	747	(106)	0	(106)
910727 2022 Derecho Emergency Repairs	0	707	(707)	342	(1,049)
910758 2022 Derecho Emergency Repairs-IWSD	0	0	0	8	(8)
Transportation Services Total	1,029,000	583,544	445,455	92,540	352,915
Grand Total	2,179,132	1,275,347	903,785	242,616	661,169