



Transportation Committee

Tax Supported Programs

Draft BUDGET 2018

Balanced, Affordable and Progressive

Tabled November 8, 2017



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Public Works & Environmental Services Department

Roads and Parking Services

2018 Budget Briefing Note

Description

Roads and Parking Services provides safe and efficient maintenance of the City's road right of way and transportation system network including 5,705 km of roads, 2,233 km of sidewalks and pathways, 233 km of Transitway and Highway 174, and 16 Park and Rides with a total of 8,201 spaces. We are committed to the operational integrity of the road network for all road users through regular maintenance programs. The service area functions as a one stop shop for proactive operations and maintenance of the City's road, sidewalk, walkway, and trail system on a 24/7 basis. Roads and Parking Services also provides and maintains affordable, 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 sets out clear rate-setting guidelines and a funding model that mandates that all parking fee revenues be used to fund the Municipal Parking Management Program. As of December 31, 2016 the branch manages 3,861 paid on-street parking spaces, 2,861 off-street spaces in six multi-story parking structures and 13 surface parking lots, and 2,672 ring and post bicycle parking spaces. Per the Municipal Parking Management Strategy, the service area also encourages the use of alternative modes of transportation.

Roads and Parking Services has clear service mandates and clear lines of business accountability including:

- One-stop shop for the city's road operations and maintenance, and parking management;
- Ability to respond quickly and share resources;
- Clear service standards;
- Structured around community needs;
- Strong focus on continuous improvement and performance management.

Programs/Services Offered

Roads Services

Summer

- Annual Street Sweeping Operations
- Concentrated Street Sweeping Operations
- Potholes and Asphalt Patching
- Concrete Repairs
- Street Furniture Maintenance
- Bridge Flushing (142 locations)
- Park & Ride Maintenance
- Grasscutting
- Litter pickup
- Guiderails and Post & Cable Maintenance (2528 locations)
- Rural Road Maintenance
- gravel road grading
- dust control
- ditching
- roadside grass cutting
- Rural Mailbox Replacement
- Lawn Reinstatement
- Pretoria Bridge Operations and Maintenance
- Decorative Surface Maintenance
- Bucket Brigade
- Waste Receptacle Maintenance
- Road Patrol and Inspection

- Traffic Induced Vibration Investigation and Road Surface Repairs
- Accident Clean-up (Hurdman 24/7 only)
- Special Events Support

Winter

- Snow and Ice Management on Roads (includes Highway 174, Transitway, Airport Parkway, and Sir John A. MacDonald Parkway)
- Snow and Ice Management on Sidewalks / Pathways and (select) Pedestrian Overpasses
- Snow and Ice Management in Park & Ride parking lots
- Snow Removal, Haulage, and Disposal (includes Transitway, and bus stations)
- Winter-Maintained Cycling Network
- Potholes
- Management of Snow Disposal Facilities (7 current facilities with 1 new construction started)
- Winter Flood and Pooling Water Control
- Rideau River Flood Control Program
- Snow Fences, Snow Boards, Snow Markers
- Fence and Decorative Wall Maintenance
- Grit Box Program
- Spring Melt Litter Pickup
- Road Patrol and Inspection
- Accident Clean-up (Hurdman 24/7 only)

Parking Services

- Local Area Parking Studies / Assessments
- City Parking Lots
- Enclosed lots or multi-story parking structures
- Unenclosed surface lots

- On-Street Paid Parking Spaces
- Tour Bus Parking
- Ring and Post Bicycle Parking Spaces (in paid parking areas)
- Seasonal Beach Parking (Petrie Island and Mooney's Bay beaches)
- Contractor Management (PayByPhone, Precise ParkLink, etc)

Transportation Services Department

Traffic Services

2018 Budget Briefing Note

Description

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

The 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 our nation's capital
- Operate, install and maintain all City traffic control devices including signs, pavement markings, signals and Pedestrian Crossovers (PXO)
- Manage the city's right-of-way streetlight inventory while maintaining their operation
- Provide traffic management knowledge through construction zones and for special events
- Perform traffic investigations and counts
- Explore and implement safety improvements for pedestrians and cyclists through various programs such as the Pedestrian Safety Evaluation Program, Cycling Safety Improvement Program and the Temporary Traffic Calming Measures Program

- Provide traffic engineering and street lighting expertise to internal and external stakeholders
- Monitor and maintain 1,162 traffic signals and 71,247 street lights
- Review, each year, five to 10 high-collision locations under the Safety Improvement Program; assess over 1,600 Traffic Management Plans for construction projects; code and analyze approximately 15,000 collisions; approve over 600 special event permits; inspect approximately 6,300 road cuts and 2,700 encroachments and install over 33,000 signs and 4.7M meters of road lines

Transportation Services Department

Transportation Planning

2018 Budget Briefing Note

Description

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

The role of Transportation Planning is to provide strategic planning to address the City's transportation 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 pedestrian and cycling facilities and the delivery of the Transportation Demand Management Program
- Develops, monitors and updates strategic transportation plans (e.g. Transportation Master Plan, Ottawa Cycling Plan, Ottawa Pedestrian Plan)
- Undertakes functional planning for cycling and pedestrian facilities, transit (bus, rail) and roads, including environmental assessments when necessary
- Develops and implements Area Traffic Management Plans (e.g. traffic calming measures)
- Manages road modifications associated with private development applications
- Undertakes functional planning and designing for road renewal and resurfacing projects

Fleet Services

2018 Budget Briefing Note

Description

Procures, maintains, administers, repairs and replaces the City's diverse fleet of 4,700 vehicles and equipment in support of all city programs, except transit, including roads, parks, facilities, waste collection, drinking water, wastewater, police (maintenance only), forestry, paramedic, fire services, and others. The General and Fleet Stores Program is also part of Fleet Services.

Programs/Services Offered

- Planning, Procuring, Licencing and Leasing to meet the City's fleet needs effectively and efficiently
- Exploring and Implementing Green Fleet Strategies to reduce GHG emissions
- Renting vehicles and equipment to address short-term needs
- Delivering User Specific Vehicle and Equipment Operator Assessments and Training
- Maintaining a Driver Certification Program to MTO's standards to undertake Driver Licence Renewals and Upgrades
- Providing Preventative Maintenance and Repair Services at Eight Locations as well as through private vendors
- Providing Fuel for Fleet vehicles and equipment at 21 automated fuel sites, and 10 small leased tank locations
- Providing Fleet Safety Services from issuing safety advisories to investigating collisions and presenting follow up recommendations for all Municipal and OC Transpo Fleet units
- Responsibility for the City's Commercial Vehicle Operators Registration (CVOR) for all Municipal and OC Transpo Fleet units

- Operating four general stores and five fleet stores warehouses to support the City's drinking water, water distribution, waste water Treatment, traffic management, and fleet maintenance functions, in addition to general material requests. services, etc. Fleet Services also provides regular and preventative maintenance to over 4,700 vehicles and equipment to extend the service life of the city's fleet.

	2016	2017		2018	\$ Change over 2018 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
GM's Office & Business Support Services	9,553	10,242	10,242	10,502	260
Roads Services	127,591	125,807	111,407	116,938	5,531
Parking Services	16,655	16,297	16,297	15,990	-307
Traffic Services	52,274	52,031	52,031	53,991	1,960
Transportation Planning	4,245	4,561	4,451	4,946	495
Fleet Services	80,752	74,597	71,902	73,838	1,936
Gross Expenditure	291,070	283,535	266,330	276,205	9,875
Recoveries & Allocations	-98,300	-89,220	-86,215	-88,369	-2,154
Revenue	-20,123	-19,830	-19,630	-19,355	275
Net Requirement	172,647	174,485	160,485	168,481	7,996
Expenditures by Type					
Salaries, Wages & Benefits	99,845	102,129	99,527	103,111	3,584
Overtime	9,921	9,293	6,224	6,941	717
Material & Services	108,946	108,150	103,425	106,882	3,457
Transfers/Grants/Financial Charges	26,299	21,848	21,848	22,834	986
Fleet Costs	33,440	30,136	27,665	28,664	999
Program Facility Costs	686	704	704	736	32
Other Internal Costs	11,933	11,275	6,937	7,037	100
Gross Expenditures	291,070	283,535	266,330	276,205	9,875
Recoveries & Allocations	-98,300	-89,220	-86,215	-88,369	-2,154
Net Expenditure	192,770	194,315	180,115	187,836	7,721
Revenues By Type					
Federal	-250	-40	-40	-40	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	-71	-11	-11	-11	0
Fees and Services	-19,802	-19,779	-19,579	-19,304	275
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-20,123	-19,830	-19,630	-19,355	275
Net Requirement	172,647	174,485	160,485	168,481	7,996
Full Time Equivalents			1,073.70	1,078.70	5.00

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

	2016	2017		2018	\$ Change over 2017 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
General Manager's Office	417	391	391	402	11
Business Technical Support Services	3,560	3,940	3,940	4,082	142
Technical Innovation & Engineering Support Services	5,576	5,911	5,911	6,018	107
Gross Expenditure	9,553	10,242	10,242	10,502	260
Recoveries & Allocations	-220	-220	-220	-220	0
Revenue	-29	-34	-34	-34	0
Net Requirement	9,304	9,988	9,988	10,248	260
Expenditures by Type					
Salaries, Wages & Benefits	9,195	9,788	9,788	10,047	259
Overtime	19	45	45	46	1
Material & Services	206	360	360	360	0
Transfers/Grants/Financial Charges	50	50	50	50	0
Fleet Costs	0	0	0	0	0
Program Facility Costs	0	0	0	0	0
Other Internal Costs	83	-1	-1	-1	0
Gross Expenditures	9,553	10,242	10,242	10,502	260
Recoveries & Allocations	-220	-220	-220	-220	0
Net Expenditure	9,333	10,022	10,022	10,282	260
Revenues By Type					
Federal	0	0	0	0	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	-29	-34	-34	-34	0
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-29	-34	-34	-34	0
Net Requirement	9,304	9,988	9,988	10,248	260
Full Time Equivalents			90.82	90.82	0.00

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

	2016	2017		2018	\$ Change over 2017 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Roads Operations	127,591	125,807	111,407	116,938	5,531
Gross Expenditure	127,591	125,807	111,407	116,938	5,531
Recoveries & Allocations	-12,006	-11,902	-11,702	-11,702	0
Revenue	-1,335	-1,222	-1,022	-1,037	-15
Net Requirement	114,250	112,683	98,683	104,199	5,516
Expenditures by Type					
Salaries, Wages & Benefits	42,352	43,207	41,807	42,762	955
Overtime	7,602	6,976	4,676	5,341	665
Material & Services	43,710	43,292	39,392	42,329	2,937
Transfers/Grants/Financial Charges	180	0	0	0	0
Fleet Costs	29,301	26,894	24,394	25,368	974
Program Facility Costs	0	0	0	0	0
Other Internal Costs	4,446	5,438	1,138	1,138	0
Gross Expenditures	127,591	125,807	111,407	116,938	5,531
Recoveries & Allocations	-12,006	-11,902	-11,702	-11,702	0
Net Expenditure	115,585	113,905	99,705	105,236	5,531
Revenues By Type					
Federal	-125	0	0	0	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	-1,210	-1,222	-1,022	-1,037	-15
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-1,335	-1,222	-1,022	-1,037	-15
Net Requirement	114,250	112,683	98,683	104,199	5,516
Full Time Equivalents			490.83	490.83	0.00

City of Ottawa
Public Works & Environmental Services Department
Roads Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 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). *	52.00	52.00	53.00	1.9%	1.9%	1-Jan-18	
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-Jan-18	
Snow Disposal Facility (SDF) Fees							-15
Single axle dump truck (9m ³) ticket price to dump snow in City snow disposal facility. ¹	22.50	22.50	25.90	15.1%	15.1%	1-Sep-18	
Tandem axle dump truck (15m ³) ticket price to dump snow in City snow disposal facility. ¹	37.50	37.50	43.15	15.1%	15.1%	1-Sep-18	
Tri-Axle axle dump truck (18m ³) ticket price to dump snow in City snow disposal facility. ¹	45.00	45.00	51.75	15.0%	15.0%	1-Sep-18	
Combo dump truck (20m ³) ticket price to dump snow in City snow disposal facility. ¹	80.00	80.00	92.00	15.0%	15.0%	1-Sep-18	
Semi dump truck (64.36m ³) ticket price to dump snow in City snow disposal facility. ¹	102.50	102.50	118.00	15.1%	15.1%	1-Sep-18	
Total Departmental							-15

* HST applicable.

¹ Must be on approved list to purchase.

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

	2016	2017		2018	\$ Change over 2017 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Parking Operations Maintenance & Development	1,211	1,040	1,040	1,031	-9
On & Off Street Operations	15,444	15,257	15,257	14,959	-298
Gross Expenditure	16,655	16,297	16,297	15,990	-307
Recoveries & Allocations	-664	-220	-220	-203	17
Revenue	-15,991	-16,077	-16,077	-15,787	290
Net Requirement	0	0	0	0	0
Expenditures by Type					
Salaries, Wages & Benefits	2,149	1,182	1,182	1,207	25
Overtime	38	22	22	22	0
Material & Services	4,220	5,169	5,169	5,152	-17
Transfers/Grants/Financial Charges	3,232	3,751	3,751	3,404	-347
Fleet Costs	53	41	41	41	0
Program Facility Costs	686	704	704	736	32
Other Internal Costs	6,277	5,428	5,428	5,428	0
Gross Expenditures	16,655	16,297	16,297	15,990	-307
Recoveries & Allocations	-664	-220	-220	-203	17
Net Expenditure	15,991	16,077	16,077	15,787	-290
Revenues By Type					
Federal	0	0	0	0	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	-15,991	-16,077	-16,077	-15,787	290
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-15,991	-16,077	-16,077	-15,787	290
Net Requirement	0	0	0	0	0
Full Time Equivalents			12.00	12.00	0.00

City of Ottawa
Public Works & Environmental Services Department
Parking Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 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 local Ward Councillor, Business Improvement Area and Community Association concur with the variation.							
Maximum on-street rate per increment ¹	\$0.25 for 5 min	\$0.25 for 5 min	\$0.25 for 5 min	0.0%	0.0%	1-Apr-2018	
Maximum on-street rate per hour ¹	3.00	3.00	3.00	0.0%	0.0%	1-Apr-2018	
Maximum on-street rate per increment - motorcycle rate ¹	\$0.25 for 10 min	\$0.25 for 10 min	\$0.25 for 10 min	0.0%	0.0%	1-Apr-2018	
Maximum on-street rate per hour - motorcycle rate ¹	1.50	1.50	1.50	0.0%	0.0%	1-Apr-2018	
Maximum on-street rate per increment - Tour Bus rate ¹	\$0.50 for 5 min	\$0.50 for 5 min	\$0.50 for 5 min	0.0%	0.0%	1-Apr-2018	
Maximum on-street rate per hour - Tour Bus rate ¹	6.00	6.00	6.00	0.0%	0.0%	1-Apr-2018	
On-Street Parking Permits							
Residential parking permit annual *	648.00	648.00	660.00	1.9%	1.9%	1-Apr-2018	
Residential parking permit monthly *	N/A	N/A	N/A	N/A	N/A	1-Apr-2018	
Residential parking permit monthly - Summer (Apr - Nov) *	30.00	30.00	31.00	3.3%	N/A	1-Apr-2018	
Residential parking permit monthly - Winter (Dec - Mar) *	140.00	140.00	143.00	2.1%	N/A	1-Apr-2018	
Residential parking permit - minimum processing fee retained on refunds *	30.00	30.00	31.00	3.3%	3.3%	1-Apr-2018	
Residential Visitor Parking (no refunds) per week or less *	15.00	N/A	N/A	N/A	N/A	1-Apr-2018	
Residential Visitor Parking (no refunds) per week or less - Summer (Apr - Nov) *	N/A	7.50	7.75	3.3%	N/A	1-Apr-2018	
Residential Visitor Parking (no refunds) per week or less - Winter (Dec - Mar) *	N/A	35.00	35.75	2.1%	N/A	1-Apr-2018	

City of Ottawa
Public Works & Environmental Services Department
Parking Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 Revenue (\$000)
On-Street Parking Rates continued							
Residential Visitor Parking (no refunds) up to 2 weeks *	30.00	N/A	N/A	N/A	N/A	1-Apr-2018	
Residential Visitor Parking (no refunds) up to 2 weeks - Summer (Apr - Nov) *	N/A	15.00	15.50	3.3%	N/A	1-Apr-2018	
Residential Visitor Parking (no refunds) up to 2 weeks - Winter (Dec - Mar) *	N/A	70.00	71.50	2.1%	N/A	1-Apr-2018	
Guest Parking per annum *	25.00	25.50	26.00	2.0%	4.0%	1-Apr-2018	
Day Care Permit Parking per annum *	260.00	263.00	268.00	1.9%	3.1%	1-Apr-2018	
Temporary Consideration Parking Permit per month *	60.00	N/A	N/A	N/A	N/A	1-Apr-2018	
Temporary Consideration Parking Permit per month - Summer (Apr - Nov) *	N/A	30.00	31.00	3.3%	N/A	1-Apr-2018	
Temporary Consideration Parking Permit per month - Winter (Dec - Mar) *	N/A	140.00	143.00	2.1%	N/A	1-Apr-2018	
Temporary Consideration Parking Permit (no refunds) per week or less - Summer (Apr - Nov) *	N/A	N/A	7.75	N/A	N/A	1-Apr-2018	
Temporary Consideration Parking Permit (no refunds) per week or less - Winter (Dec - Mar) *	N/A	N/A	35.75	N/A	N/A	1-Apr-2018	
Special Events Parking Permit per event per area *	25.00	25.50	26.00	2.0%	4.0%	1-Apr-2018	
Business Identity Card per vehicle *	118.00	120.00	122.00	1.7%	3.4%	1-Apr-2018	
Replacement permit *	10.00	10.00	10.50	5.0%	5.0%	1-Apr-2018	
Tour Bus Parking Permit ¹	25.00	25.00	25.00	0.0%	0.0%	1-Apr-2018	

City of Ottawa
Public Works & Environmental Services Department
Parking Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 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 with 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 Parks and Recreation 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%	1-Jan-2018	
Maximum daily off-street rate - all lots ¹	22.00	22.00	23.00	4.5%	4.5%	1-Jan-2018	
Maximum monthly off-street rate - all lots except lots 23 & 30 ¹	220.10	220.10	240.00	9.0%	9.0%	1-Jan-2018	
Maximum seasonal off-street rate - lot 23 ¹	60.00	60.00	60.00	0.0%	0.0%	1-Jan-2018	
Maximum seasonal off-street rate - lot 30 ¹	30.00	30.00	30.00	0.0%	0.0%	1-Jan-2018	
Maximum lost ticket charge - all lots ¹	24.00	28.00	30.00	7.1%	25.0%	1-Jan-2018	
Maximum replacement fee for access card or hang tag (all lots) ¹	N/A	25.00	25.50	2.0%	N/A	1-Jan-2018	

City of Ottawa
Public Works & Environmental Services Department
Parking Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 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		
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		
Lot 5 - 141 Clarence Street (Dalhousie parking garage)	see above max rate	see above max rate	see above max rate	N/A	N/A		
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		
Lot 8 - 170 Second Avenue (Glebe parking garage)	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 9 - 234-250 Slater	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 10 - 574 Bank Street	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 11 - 687 Somerset Street	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 12 - 760 Somerset Street	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 13 - Parkdale Market	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 14 - 301 Preston Street	see above max rate	see above max rate	see above max rate	N/A	N/A		

City of Ottawa
Public Works & Environmental Services Department
Parking Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 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		
Lot 20 - 400 River Road	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 22 - 200 Montreal Road	see above max rate	see above max rate	see above max rate	N/A	N/A		
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		
Lot 27 - 300 Queen Street	see above max rate	see above max rate	see above max rate	N/A	N/A		
Lot 28 - 160 Lyon Street	see above max rate	see above max rate	see above max rate	N/A	N/A		
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		
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%	1-Jan-2018	
Total Departmental							0

* HST applicable.

¹ HST included.

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

	2016	2017		2018	\$ Change over 2017 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Traffic Services	52,274	52,031	52,031	53,991	1,960
Gross Expenditure	52,274	52,031	52,031	53,991	1,960
Recoveries & Allocations	-7,707	-5,639	-5,639	-5,639	0
Revenue	-2,171	-1,893	-1,893	-1,893	0
Net Requirement	42,396	44,499	44,499	46,459	1,960
Expenditures by Type					
Salaries, Wages & Benefits	23,604	24,606	24,606	25,356	750
Overtime	1,141	810	810	810	0
Material & Services	23,659	23,887	23,887	24,972	1,085
Transfers/Grants/Financial Charges	-27	0	0	0	0
Fleet Costs	2,983	2,444	2,444	2,469	25
Program Facility Costs	0	0	0	0	0
Other Internal Costs	914	284	284	384	100
Gross Expenditures	52,274	52,031	52,031	53,991	1,960
Recoveries & Allocations	-7,707	-5,639	-5,639	-5,639	0
Net Expenditure	44,567	46,392	46,392	48,352	1,960
Revenues By Type					
Federal	-125	-40	-40	-40	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	0	0	0	0	0
Fees and Services	-2,046	-1,853	-1,853	-1,853	0
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-2,171	-1,893	-1,893	-1,893	0
Net Requirement	42,396	44,499	44,499	46,459	1,960
Full Time Equivalents			257.05	257.05	0.00

City of Ottawa
Transportation Services Department
Traffic Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 Revenue (\$000)
Traffic Count Information Fee – file copies	106.00	108.00	108.00	0.0%	1.9%	1-Jan-2018	
Variable Message Board							
Per sign per day equipment rental charge	100.00	100.00	100.00	0.0%	0.0%	1-Jan-2018	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost			1-Jan-2018	
ATR - Numetric Plate Data Collection							
Per plate per hour equipment rental charge	0.50	0.50	0.50	0.0%	0.0%	1-Jan-2018	
Equipment maintenance fee – per plate	5.50	5.50	5.50	0.0%	N/A	1-Jan-2018	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost			1-Jan-2018	
ATR – Pneumatic Tube Data collection							
Per hour equipment rental charge	0.50	0.50	0.50	0.0%	N/A	1-Jan-2018	
Equipment maintenance fee - per data collection device deployed	10.00	10.00	10.00	0.0%	N/A	1-Jan-2018	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost			1-Jan-2018	
Miovison Data Collection							
Device rental charge per hour per camera	6.00	6.00	6.00	0.0%	N/A	1-Jan-2018	
Processing charges – \$19.68/hr intersection, small roundabout count \$27.88/hr, large roundabout count \$65.07/hr, midblock volume (vehicles only) \$3.00/lane/hour, pathway volume \$6.00/hr	see text for rates	actual cost	actual cost	N/A	N/A	1-Jan-2018	
Video storage - per study \$4.10	4.10	actual cost	actual cost	N/A	N/A	1-Jan-2018	
Set up/takedown fee (actual hourly cost of staff time)	actual cost	actual cost	actual cost	N/A	N/A	1-Jan-2018	

City of Ottawa
Transportation Services Department
Traffic Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2017	% Change Over 2016	Effective Date	2018 Revenue (\$000)
Collision Data Request							
Detail collision summary report 1 to 5 locations	104.00	108.00	108.00	0.0%	N/A	1-Jan-2018	
Detail collision summary report >5 location	104.00 + hourly staff time	108.00 + hourly staff time	108.00 + hourly staff time	0.0%	N/A	1-Jan-2018	
Custom collision data (non-detailed summary data)	104.00 + hourly staff time	108.00 + hourly staff time	108.00 + hourly staff time	0.0%	N/A	1-Jan-2018	
Signal Timing Requests fee per signalized intersection	50.00	50.00	50.00	0.0%	0.0%	1-Jan-2018	
Signal drawing file copies fee per intersection	25.00	25.00	25.00	0.0%	0.0%	1-Jan-2018	
Pre-Development Traffic Control Devices Review fee	4,000.00	4,000.00	4,000.00	0.0%	0.0%	1-Jan-2018	
GPRS Communication Fee monthly charge per signalized intersection.	23.00	17.00	17.00	0.0%	-26.1%	1-Jan-2018	
Bell Communication Fee monthly charge per signalized intersection. Fee structure changing to a flat fee in 2016	167.00	174.00	179.00	2.9%	7.2%	1-Jan-2018	
City Owned Cable Communication Fee monthly charge per signalized intersection	116.00	122.00	125.00	2.5%	7.8%	1-Jan-2018	
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-Jan-2018	
Total Departmental							0

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

	2016	2017		2018	\$ Change over 2017 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Transportation Planning	4,245	4,561	4,451	4,946	495
Gross Expenditure	4,245	4,561	4,451	4,946	495
Recoveries & Allocations	-476	-518	-408	-733	-325
Revenue	-55	-55	-55	-55	0
Net Requirement	3,714	3,988	3,988	4,158	170
Expenditures by Type					
Salaries, Wages & Benefits	4,107	4,474	4,268	4,783	515
Overtime	12	13	8	38	30
Material & Services	30	52	158	108	-50
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	96	22	17	17	0
Gross Expenditures	4,245	4,561	4,451	4,946	495
Recoveries & Allocations	-476	-518	-408	-733	-325
Net Expenditure	3,769	4,043	4,043	4,213	170
Revenues By Type					
Federal	0	0	0	0	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	-11	-11	-11	-11	0
Fees and Services	-44	-44	-44	-44	0
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-55	-55	-55	-55	0
Net Requirement	3,714	3,988	3,988	4,158	170
Full Time Equivalents			36.00	36.00	0.00

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

	2016	2017		2018	\$ Change over 2017 Budget
	Actual	Forecast	Budget	Estimate	
Expenditures by Program					
Fleet Sr. Manager	258	252	249	257	8
Maintenance	28,321	22,680	22,348	22,691	343
Life Cycle Management & Safety	35,788	30,516	29,358	30,790	1,432
Fleet Supply Chain and Training	13,337	17,872	16,620	16,683	63
Fleet & General Stores	3,049	3,277	3,327	3,417	90
Gross Expenditure	80,752	74,597	71,902	73,838	1,936
Recoveries & Allocations	-77,227	-70,721	-68,026	-69,872	-1,846
Revenue	-542	-549	-549	-549	0
Net Requirement	2,983	3,327	3,327	3,417	90
Expenditures by Type					
Salaries, Wages & Benefits	18,438	18,872	17,876	18,956	1,080
Overtime	1,109	1,427	663	684	21
Material & Services	37,121	35,390	34,459	33,961	-498
Transfers/Grants/Financial Charges	22,864	18,047	18,047	19,380	1,333
Fleet Costs	1,103	757	786	786	0
Program Facility Costs	0	0	0	0	0
Other Internal Costs	117	104	71	71	0
Gross Expenditures	80,752	74,597	71,902	73,838	1,936
Recoveries & Allocations	-77,227	-70,721	-68,026	-69,872	-1,846
Net Expenditure	3,525	3,876	3,876	3,966	90
Revenues By Type					
Federal	0	0	0	0	0
Provincial	0	0	0	0	0
Municipal	0	0	0	0	0
Own Funds	-60	0	0	0	0
Fees and Services	-482	-549	-549	-549	0
Fines	0	0	0	0	0
Other	0	0	0	0	0
Total Revenue	-542	-549	-549	-549	0
Net Requirement	2,983	3,327	3,327	3,417	90
Full Time Equivalents			187.00	192.00	5.00

City of Ottawa
Corporate Services Department
Fleet Services - User Fees

	2016 Rate \$	2017 Rate \$	2018 Rate \$	% Change Over 2016	% Change Over 2016	Effective Date	2018 Revenue (\$000)
Administration and Overhead charge will be applied to the overall cost recovery for any works undertaken by Fleet on behalf of BellSensplex Group for fleet maintenance							
Fuel	2%	2%	2%	0.0%	0.0%	01-Jan-18	
Parts	22%	22%	22%	0.0%	0.0%	01-Jan-18	
Labour and commercial repairs	15%	15%	15%	0.0%	0.0%	01-Jan-18	
Total Departmental							0

City Of Ottawa
2018 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000's)

Project Description	Revenues	Capital Reserve Fund	Gas Tax	Development Charges	Debt Funding	Grand Total
Fleet Services						
Renewal of City Assets						
908867 Lifecycle Renewal Fleet	-	24,000	-	-	-	24,000
908868 Municipal Fleet UpFits, Facilities&Tools	-	175	-	-	-	175
Renewal of City Assets Total	-	24,175	-	-	-	24,175
Growth						
909129 Expansion of Municipal Garage at Trim	-	37	-	213	-	250
Growth Total	-	37	-	213	-	250
Fleet Services Total	-	24,212	-	213	-	24,425
Integrated Roads, Water & Wastewater						
Renewal of City Assets						
906056 Albert St / Scott St	-	393	-	7	400	800
906875 Aylmer - Fulton - Carlyle - Rosedale	-	4,900	-	-	5,500	10,400
906882 Elgin (Lisgar - Isabella)	-	11,667	-	333	18,100	30,100
906884 Glengarry-Onslow-Beckwith-Belgrade	-	3,600	-	-	5,900	9,500
908370 Project Information Management Systems	-	300	-	-	200	500
908567 Alta Vista - Summit	-	30	-	-	20	50
908571 Catherine St (Bronson-Elgin)	-	150	-	-	50	200
908575 Isabella-Chamberlain	-	40	-	-	10	50
908916 2018 Surveys & Mapping	-	270	-	-	-	270
908940 2018 Infrastructure Assess & Data Collec	-	2,500	-	-	-	2,500
908941 2018 Scoping Pre/Post Engineering	-	590	-	-	-	590
908949 2018 Road Resurfacing - CW	-	15,393	-	-	23,853	39,246
908998 LRT2 R2 Hwy 174 Resurfacing EBL	-	33	-	-	75	108
Renewal of City Assets Total	-	39,866	-	340	54,108	94,314
Growth						

City Of Ottawa
2018 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000's)

Project Description	Revenues	Capital Reserve Fund	Gas Tax	Development Charges	Debt Funding	Grand Total
909050 Fleet Growth - ROWHUD	0	90	0	0	0	90
Growth Total	0	90	0	0	0	90
Strategic Initiatives						
908918 2018 Public Realm Interventions	0	465	0	0	0	465
Strategic Initiatives Total	0	465	0	0	0	465
Integrated Roads, Water & Wastewater Total	-	40,421	-	340	54,108	94,869
Transit Services						
Renewal of City Assets						
908751 2018 Transportation Master Plan	-	700	-	-	-	700
Renewal of City Assets Total	-	700	-	-	-	700
Growth						
908770 2018 TMP Transit Priority Network	-	66	-	2,434	1,500	4,000
909064 2018 Transit Corridor Protection	-	65	-	1,035	600	1,700
909065 2018 Park and Ride Facilities	-	26	-	974	600	1,600
909067 2018 Rapid Transit EA Studies	-	391	-	609	-	1,000
Growth Total	-	548	-	5,052	2,700	8,300
Transit Services Total	-	1,248	-	5,052	2,700	9,000
Transportation Services						
Renewal of City Assets						
907019 Harmer Ave Ped Bridge over Hwy 417	-	6,730	-	-	5,000	11,730
908403 On & Off Street Parking Sys P3 Cap Pymt	-	500	-	-	-	500
908553 Albert/Slater/Mackenzie (Empress-Waller)	-	100	-	-	400	500
908583 Bank St Sawmill Crk [057470]	-	20	-	-	50	70
908584 AirportPkwy NB WalkleyRamp Twin Bculvert	-	30	-	-	100	130
908587 Bank St Canal Bridge [012010]	-	-	-	-	100	100

City Of Ottawa
2018 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000's)

Project Description	Revenues	Capital Reserve Fund	Gas Tax	Development Charges	Debt Funding	Grand Total
908597 McKenzie King Bridge [012200-1]	-	30	-	-	50	80
908607 Transcanada Trail Ped [115020]	-	50	-	-	100	150
908877 2018 Street Lighting Major Replacements	-	2,168	-	542	-	2,710
908878 2018 LCR Traffic Control Signals	-	1,581	-	-	-	1,581
908879 2018 LCR Traffic Monitoring System	-	320	-	80	-	400
908928 2018 Buildings-Road Services	-	1,235	-	-	-	1,235
908947 2018 Preservation Treatments	-	471	-	-	4,000	4,471
908950 2018 Minor Structural Rehab	-	100	-	-	-	100
908951 2018 Noise Barriers	-	200	-	-	-	200
908952 2018 Retaining Walls	-	200	-	-	-	200
908953 2018 Structures - Site-Specific	-	120	-	-	300	420
908954 2018 Scoping Pre/Post Bridges & Cul	-	500	-	-	-	500
908956 Booth St Bridge [017030]	-	200	-	-	200	400
908957 Jockvale Bridge [113030]	-	50	-	-	100	150
908959 Pooley's Ped Bridge [017240]	-	150	-	-	200	350
908977 2018 Sidewalk & Pathway renewal	-	375	-	-	2,000	2,375
908999 LRT2 S1 Hwy 174 Montreal Rd	-	7	-	-	800	807
909010 2018 Ice & Snow Control Technologies	-	140	-	-	-	140
909015 LRT2 S2 Hwy 174 Green's Creek	-	2	-	-	400	402
909016 LRT2 S3 Hwy 174 Jeanne D'Arc	-	19	-	-	125	144
909024 2018 Life Cycle Renew - PWES Works Yard	-	140	-	-	-	140
909049 Roads Equipment Replacement	-	150	-	-	-	150
909056 2018 Pedestrian Access-Intersection & Ra	-	100	-	-	100	200
909061 2018 Area Traffic Management	-	576	-	114	-	690
909121 LCR - Parking Facilities (2018)	-	1,775	-	-	-	1,775
909122 On-Street Facility Modification (2018)	-	150	-	-	-	150
909123 Parking Studies - DC (2018)	-	40	-	10	-	50

City Of Ottawa
2018 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000's)

Project Description	Revenues	Capital Reserve Fund	Gas Tax	Development Charges	Debt Funding	Grand Total
909124 Pathway Lighting (uOttawa - Hurdman Sta)	-	1,500	-	-	-	1,500
Renewal of City Assets Total	-	19,729	-	746	14,025	34,500
Growth						
903178 Longfields Dr.(Cambrian-Prince of Wales)	-	100	-	1,900	-	2,000
906920 Kanata South Link (Hope Side to Hwy 416)	-	1,185	-	10,515	12,300	24,000
907405 Strandherd Dr Ph2(Maravista to Jockvale)	-	50	-	950	-	1,000
908275 Pedestrian Facilities Program	-	1,125	-	375	-	1,500
908276 Cycling Facilities Program	-	2,040	-	1,960	-	4,000
908885 2018 Traffic Incident Management	-	80	-	320	-	400
908886 2018 New Traffic Control Devices	-	480	-	1,920	-	2,400
908887 2018 Advanced Traffic management Program	-	80	-	320	-	400
908890 2018 Safety Improvement Program	-	500	-	500	-	1,000
909055 2018 Intersection Control Measures	-	-	-	3,500	-	3,500
909059 2018 Development Sidewalks	-	8	-	145	-	153
909060 2018 Transportation Demand Management	-	150	-	150	-	300
909062 2018 Network Modification Program	-	544	-	2,656	-	3,200
Growth Total	-	6,342	-	25,211	12,300	43,853
Strategic Initiatives						
907847 2015-2018 Community Connectivity SI	-	2,875	-	-	-	2,875
907982 Cycling Safety Program SI	-	105	-	-	-	105
907983 Pedestrian Safety Enhancement Prog.SI	-	380	-	-	-	380
907984 Traffic&Ped. Safety Enh Prog-Ward Ini.SI	-	1,400	-	-	-	1,400
908050 Safer Roads Ottawa - SI	-	420	-	-	-	420
908888 2018 Audible Signals	-	240	-	60	-	300
908889 2018 Pedestrian Countdown Signals	-	300	-	-	-	300
909044 2018 Barrhaven Rail Safety Program	-	3,500	-	-	-	3,500
909057 2018 Active Transportation Missing Links	-	180	-	-	-	180

City Of Ottawa
2018 Draft Capital Budget
Transportation Committee
Capital Funding Summary
In Thousands (\$000's)

Project Description	Revenues	Capital Reserve Fund	Gas Tax	Development Charges	Debt Funding	Grand Total
909058 Scott St Restoral (Post-LRT)	-	100	-	-	1,000	1,100
909063 2018 TMIP Richmond Rd/Westboro	-	500	-	-	-	500
Strategic Initiatives Total	-	10,000	-	60	1,000	11,060
Transportation Services Total	-	36,071	-	26,017	27,325	89,413
Grand Total	-	101,952	-	31,622	84,133	217,707

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

	2017 Baseline			2018 Adjustments					2018	\$ Change over 2017 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	Council Priorities	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program										
GM's Office & Business Support Services	10,242	10,242	0	260	0	0	0	0	10,502	260
Roads Services	125,807	111,407	2,720	2,811	0	0	0	0	116,938	5,531
Parking Services	16,297	16,297	-17	-290	0	0	0	0	15,990	-307
Traffic Services	52,031	52,031	210	1,675	75	0	0	0	53,991	1,960
Transportation Planning	4,561	4,451	0	495	0	0	0	0	4,946	495
Fleet Services	74,597	71,902	0	2,038	0	0	-102	0	73,838	1,936
Gross Expenditure	283,535	266,330	2,913	6,989	75	0	-102	0	276,205	9,875
Recoveries & Allocations	-89,220	-86,215	17	-2,171	0	0	0	0	-88,369	-2,154
Revenue	-19,830	-19,630	0	0	0	0	0	275	-19,355	275
Net Requirement	174,485	160,485	2,930	4,818	75	0	-102	275	168,481	7,996
Expenditures by Type										
Salaries, Wages & Benefits	102,129	99,527	50	3,534	0	0	0	0	103,111	3,584
Overtime	9,293	6,224	575	142	0	0	0	0	6,941	717
Material & Services	108,150	103,425	2,288	1,196	75	0	-102	0	106,882	3,457
Transfers/Grants/Financial Charges	21,848	21,848	0	986	0	0	0	0	22,834	986
Fleet Costs	30,136	27,665	0	999	0	0	0	0	28,664	999
Program Facility Costs	704	704	0	32	0	0	0	0	736	32
Other Internal Costs	11,275	6,937	0	100	0	0	0	0	7,037	100
Gross Expenditures	283,535	266,330	2,913	6,989	75	0	-102	0	276,205	9,875
Recoveries & Allocations	-89,220	-86,215	17	-2,171	0	0	0	0	-88,369	-2,154
Net Expenditure	194,315	180,115	2,930	4,818	75	0	-102	0	187,836	7,721
Percent of 2017 Net Expenditure Budget			1.6%	2.7%	0.0%	0.0%	-0.1%	0.0%	4.3%	
Revenues By Type										
Federal	-40	-40	0	0	0	0	0	0	-40	0
Provincial	0	0	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0	0	0
Own Funds	-11	-11	0	0	0	0	0	0	-11	0
Fees and Services	-19,779	-19,579	0	0	0	0	0	275	-19,304	275
Fines	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total Revenue	-19,830	-19,630	0	0	0	0	0	275	-19,355	275
Percent of 2017 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	-1.4%	-1.4%	
Net Requirement	174,485	160,485	2,930	4,818	75	0	-102	275	168,481	7,996
Percent of 2017 Net Requirement Budget			1.8%	3.0%	0.0%	0.0%	-0.1%	0.2%	5.0%	
Full Time Equivalents (FTE's)		1,073.70	0.00	0.00	0.00	0.00	5.00	0.00	1,078.70	5.00
Percent of 2017 FTE's			0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.5%	

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

	2017 Baseline			2018 Adjustments					2018	\$ Change over 2017 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	Council Priorities	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program										
General Manager's Office	391	391	0	11	0	0	0	0	402	11
Business Technical Support Services	3,940	3,940	0	142	0	0	0	0	4,082	142
Technical Innovation & Engineering Support Services	5,911	5,911	0	107	0	0	0	0	6,018	107
Gross Expenditure	10,242	10,242	0	260	0	0	0	0	10,502	260
Recoveries & Allocations	-220	-220	0	0	0	0	0	0	-220	0
Revenue	-34	-34	0	0	0	0	0	0	-34	0
Net Requirement	9,988	9,988	0	260	0	0	0	0	10,248	260
Expenditures by Type										
Salaries, Wages & Benefits	9,788	9,788	0	259	0	0	0	0	10,047	259
Overtime	45	45	0	1	0	0	0	0	46	1
Material & Services	360	360	0	0	0	0	0	0	360	0
Transfers/Grants/Financial Charges	50	50	0	0	0	0	0	0	50	0
Fleet Costs	0	0	0	0	0	0	0	0	0	0
Program Facility Costs	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	-1	-1	0	0	0	0	0	0	-1	0
Gross Expenditures	10,242	10,242	0	260	0	0	0	0	10,502	260
Recoveries & Allocations	-220	-220	0	0	0	0	0	0	-220	0
Net Expenditure	10,022	10,022	0	260	0	0	0	0	10,282	260
Percent of 2017 Net Expenditure Budget			0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	2.6%	
Revenues By Type										
Federal	0	0	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0
Fees and Services	-34	-34	0	0	0	0	0	0	-34	0
Fines	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total Revenue	-34	-34	0	0	0	0	0	0	-34	0
Percent of 2017 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Net Requirement	9,988	9,988	0	260	0	0	0	0	10,248	260
Percent of 2017 Net Requirement Budget			0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	2.6%	
Full Time Equivalents (FTE's)		90.82	0.00	0.00	0.00	0.00	0.00	0.00	90.82	0.00
Percent of 2017 FTE's			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

City of Ottawa

Public Works & Environmental Services Department

GM's Office & Business Support Services - Operating Resource Requirement Explanatory Notes

In Thousands (\$000)

		Surplus / (Deficit)		
2017 Forecast vs. Budget Variance Explanation		Expense	Revenue	Net
No significant variances to report.		0	0	0
Total Surplus / (Deficit)		0	0	0
		Increase / (Decrease)		
2018 Pressure Category / Explanation		Expense	Revenue	Net 2018 Changes
Maintain Services				
All programs include an adjustment for potential 2018 cost of living, increments and benefit adjustments.		230	0	230
2018 minimum wage impact.		30	0	30
Total Maintain Services		260	0	260
Total Budget Changes		260	0	260
				FTE Impact
				0.00
				0.00
				0.00
				0.00

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

	2017 Baseline			2018 Adjustments					2018	\$ Change over 2017 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	Council Priorities	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program										
Roads Operations	125,807	111,407	2,720	2,811	0	0	0	0	116,938	5,531
Gross Expenditure	125,807	111,407	2,720	2,811	0	0	0	0	116,938	5,531
Recoveries & Allocations	-11,902	-11,702	0	0	0	0	0	0	-11,702	0
Revenue	-1,222	-1,022	0	0	0	0	0	-15	-1,037	-15
Net Requirement	112,683	98,683	2,720	2,811	0	0	0	-15	104,199	5,516
Expenditures by Type										
Salaries, Wages & Benefits	43,207	41,807	0	955	0	0	0	0	42,762	955
Overtime	6,976	4,676	575	90	0	0	0	0	5,341	665
Material & Services	43,292	39,392	2,145	792	0	0	0	0	42,329	2,937
Transfers/Grants/Financial Charges	0	0	0	0	0	0	0	0	0	0
Fleet Costs	26,894	24,394	0	974	0	0	0	0	25,368	974
Program Facility Costs	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	5,438	1,138	0	0	0	0	0	0	1,138	0
Gross Expenditures	125,807	111,407	2,720	2,811	0	0	0	0	116,938	5,531
Recoveries & Allocations	-11,902	-11,702	0	0	0	0	0	0	-11,702	0
Net Expenditure	113,905	99,705	2,720	2,811	0	0	0	0	105,236	5,531
Percent of 2017 Net Expenditure Budget			2.7%	2.8%	0.0%	0.0%	0.0%	0.0%	5.5%	
Revenues By Type										
Federal	0	0	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0
Fees and Services	-1,222	-1,022	0	0	0	0	0	-15	-1,037	-15
Fines	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total Revenue	-1,222	-1,022	0	0	0	0	0	-15	-1,037	-15
Percent of 2017 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.5%	
Net Requirement	112,683	98,683	2,720	2,811	0	0	0	-15	104,199	5,516
Percent of 2017 Net Requirement Budget			2.8%	2.8%	0.0%	0.0%	0.0%	0.0%	5.6%	
Full Time Equivalents (FTE's)		490.83	0.00	0.00	0.00	0.00	0.00	0.00	490.83	0.00
Percent of 2017 FTE's			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

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

2017 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)		
	Expense	Revenue	Net
The overall Winter Operations costs were driven by the significant snow accumulation over the January-April winter season, which was 12% and 22% higher than the 5-year and 20-year averages. There were also 60 winter events (snow, freezing rain, rain), which is the highest number in the last 20 years (in 2016, there were 55). The increased snow accumulation resulted in an increased number of snow removals and more snow clearing. This also led to higher operating costs at the snow disposal facilities. There were 17 days where freezing rain occurred, which is almost double the norm of 9 days. The higher than normal precipitation (snow, freezing rain, rain) resulted in an increased application of abrasives on roadways, sidewalks and pathways. Further, this led to increased costs in fleet usage and maintenance. The increased revenue is attributable to additional street furniture advertising and higher snow disposal ticket sales.	-11,925	200	-11,725
As a result of the increased number of freeze/thaw cycles that occurred during the winter (10% higher than the 5-year average) combined with the heavy rainfall, increased repairs to potholes were necessary.	-1,000	0	-1,000
Increased Insurance claims.	-625	0	-625
One-time additional costs related to the Ottawa River Flooding - Spring Freshet emergency.	-650	0	-650
Total Surplus / (Deficit)	-14,200	200	-14,000

2017 Baseline Adjustment / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2017 Changes	FTE Impact
Adjustment to winter operations to reflect KPMG recommendations as identified in the Council-approved Review of Winter Operations on Roadways report, ACS2016-COS-PWS-0026.	2,300	0	2,300	0.00
Increase of 5.4% to the Asphalt Repair program.	400	0	400	0.00
Winter maintenance of the bike lanes as identified in the Council-approved O'Connor Street Bikeway (Wellington Street to Fifth Avenue) report, ACS2015-PAI-PGM-0100.	20	0	20	0.00
Total Adjustments to Base Budget	2,720	0	2,720	0.00

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

2018 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2018 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2018 cost of living, increments and benefit adjustments.	995	0	995	0.00
Inflationary contracted services and maintenance agreement increases.	577	0	577	0.00
Increase in Fleet costs related to inflation on compensation contracts, parts, fuel, contribution to capital reserve and maintenance.	974	0	974	0.00
One-time increase to the Asphalt Repair program funded from the Provision of One-Time and Unforeseen.	200	0	200	0.00
Minimum wage impact effective January 1, 2018.	50	0	50	0.00
Increased equipment rental related to Snow Disposal Facilities, which are offset by increased User Fees.	15	0	15	0.00
Total Maintain Services	2,811	0	2,811	0.00
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	5,531	-15	5,516	0.00

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

	2017 Baseline			2018 Adjustments					2018	\$ Change over 2017 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	Council Priorities	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program										
Parking Operations Maintenance & Development	1,040	1,040	-17	8	0	0	0	0	1,031	-9
On & Off Street Operations	15,257	15,257	0	-298	0	0	0	0	14,959	-298
Gross Expenditure	16,297	16,297	-17	-290	0	0	0	0	15,990	-307
Recoveries & Allocations	-220	-220	17	0	0	0	0	0	-203	17
Revenue	-16,077	-16,077	0	0	0	0	0	290	-15,787	290
Net Requirement	0	0	0	-290	0	0	0	290	0	0
Expenditures by Type										
Salaries, Wages & Benefits	1,182	1,182	0	25	0	0	0	0	1,207	25
Overtime	22	22	0	0	0	0	0	0	22	0
Material & Services	5,169	5,169	-17	0	0	0	0	0	5,152	-17
Transfers/Grants/Financial Charges	3,751	3,751	0	-347	0	0	0	0	3,404	-347
Fleet Costs	41	41	0		0	0	0	0	41	0
Program Facility Costs	704	704	0	32	0	0	0	0	736	32
Other Internal Costs	5,428	5,428	0	0	0	0	0	0	5,428	0
Gross Expenditures	16,297	16,297	-17	-290	0	0	0	0	15,990	-307
Recoveries & Allocations	-220	-220	17	0	0	0	0	0	-203	17
Net Expenditure	16,077	16,077	0	-290	0	0	0	0	15,787	-290
Percent of 2017 Net Expenditure Budget			0.0%	-1.8%	0.0%	0.0%	0.0%	0.0%	-1.8%	
Revenues By Type										
Federal	0	0	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0
Fees and Services	-16,077	-16,077	0	0	0	0	0	290	-15,787	290
Fines	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total Revenue	-16,077	-16,077	0	0	0	0	0	290	-15,787	290
Percent of 2017 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	-1.8%	-1.8%	
Net Requirement	0	0	0	-290	0	0	0	290	0	0
Percent of 2017 Net Requirement Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Full Time Equivalents (FTE's)		12.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00
Percent of 2017 FTE's			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

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

	Surplus / (Deficit)			
2017 Forecast vs. Budget Variance Explanation	Expense	Revenue	Net	
No significant variance to report	0	0	0	
Total Surplus / (Deficit)	0	0	0	
	Increase / (Decrease)			
2018 Pressure Category / Explanation	Expense	Revenue	Net 2018 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2018 cost of living, increments and benefit adjustments.	25	0	25	0.00
Increase in Facility costs related to inflation on compensation contracts, utility increases, security and maintenance contracts.	32	0	32	0.00
Reduction to the Contribution to the Parking Reserve due to loss of revenue from the closure of two surface lots (156-160 Lyon Street and 200 Queen Street) and to offset pressure adjustments.	-347	0	-347	0.00
Total Maintain Services	-290	0	-290	0.00
User Fees & Revenues				
See following user fee schedule for details on the specific rates.	0	0	0	0.00
Reduction in revenue due to the loss of two surface lots at 156-160 Lyon Street and 200 Queen Street. Total revenue loss is \$460,000. Revenue reduction will be phased-in 2018 and 2019.	0	290	290	0.00
Total User Fees & Revenues	0	290	290	0.00
Total Budget Changes	-290	290	0	0.00

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

	2017 Baseline			2018 Adjustments					2018	\$ Change over 2017 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	Council Priorities	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program										
Traffic Services	52,031	52,031	210	1,675	75	0	0		53,991	1,960
Gross Expenditure	52,031	52,031	210	1,675	75	0	0	0	53,991	1,960
Recoveries & Allocations	-5,639	-5,639	0	0	0	0	0	0	-5,639	0
Revenue	-1,893	-1,893	0	0	0	0	0	0	-1,893	0
Net Requirement	44,499	44,499	210	1,675	75	0	0	0	46,459	1,960
Expenditures by Type										
Salaries, Wages & Benefits	24,606	24,606		750	0	0	0	0	25,356	750
Overtime	810	810	0	0	0	0	0	0	810	0
Material & Services	23,887	23,887	210	800	75	0	0	0	24,972	1,085
Transfers/Grants/Financial Charges	0	0	0	0	0	0	0	0	0	0
Fleet Costs	2,444	2,444	0	25		0	0	0	2,469	25
Program Facility Costs	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	284	284	0	100		0	0	0	384	100
Gross Expenditures	52,031	52,031	210	1,675	75	0	0	0	53,991	1,960
Recoveries & Allocations	-5,639	-5,639	0	0	0	0	0	0	-5,639	0
Net Expenditure	46,392	46,392	210	1,675	75	0	0	0	48,352	1,960
Percent of 2017 Net Expenditure Budget			0.5%	3.6%	0.2%	0.0%	0.0%	0.0%	4.2%	
Revenues By Type										
Federal	-40	-40	0	0	0	0	0	0	-40	0
Provincial	0	0	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0
Fees and Services	-1,853	-1,853	0	0	0	0	0	0	-1,853	0
Fines	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total Revenue	-1,893	-1,893	0	0	0	0	0	0	-1,893	0
Percent of 2017 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Net Requirement	44,499	44,499	210	1,675	75	0	0	0	46,459	1,960
Percent of 2017 Net Requirement Budget			0.5%	3.8%	0.2%	0.0%	0.0%	0.0%	4.4%	
Full Time Equivalents (FTE's)		257.05	0.00	0.00	0.00	0.00	0.00	0.00	257.05	0.00
Percent of 2017 FTE's			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

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

2017 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)		
	Expense	Revenue	Net
No significant variance to report.	0	0	0
Total Surplus / (Deficit)	0	0	0

2017 Baseline Adjustment / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2017 Changes	FTE Impact
Annualization of Adult School Guard Crossing program.	210	0	210	0.00
Total Adjustments to Base Budget	210	0	210	0.00

2018 Pressure Category / Explanation	Increase / (Decrease)			
	Expense	Revenue	Net 2018 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2018 cost of living, increments and benefit adjustments.	735	0	735	0.00
Inflation on energy for street lights and traffic signals.	800	0	800	0.00
Increase demand of police point duty services.	100	0	100	0.00
Increase in Fleet costs related to inflation on compensation contracts, parts, fuel, contribution to capital reserve and maintenance.	25	0	25	0.00
2018 minimum wage impact.	15	0	15	0.00
Total Maintain Services	1,675	0	1,675	0.00
Growth				
Adult School Guard Crossing program.	75	0	75	0.00
Total Growth	75	0	75	0.00
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	1,960	0	1,960	0.00

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

	2017 Baseline			2018 Adjustments					2018	\$ Change over 2017 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	Council Priorities	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program										
Transportation Planning	4,561	4,451	0	495	0	0	0	0	4,946	495
Gross Expenditure	4,561	4,451	0	495	0	0	0	0	4,946	495
Recoveries & Allocations	-518	-408	0	-325	0	0		0	-733	-325
Revenue	-55	-55	0	0	0	0	0	0	-55	0
Net Requirement	3,988	3,988	0	170	0	0	0	0	4,158	170
Expenditures by Type										
Salaries, Wages & Benefits	4,474	4,268	50	465	0	0	0	0	4,783	515
Overtime	13	8	0	30	0	0	0	0	38	30
Material & Services	52	158	-50	0	0	0	0	0	108	-50
Transfers/Grants/Financial Charges	0	0	0	0	0	0	0	0	0	0
Fleet Costs	0	0	0	0	0	0	0	0	0	0
Program Facility Costs	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	22	17	0	0	0	0	0	0	17	0
Gross Expenditures	4,561	4,451	0	495	0	0	0	0	4,946	495
Recoveries & Allocations	-518	-408	0	-325	0	0	0	0	-733	-325
Net Expenditure	4,043	4,043	0	170	0	0	0	0	4,213	170
Percent of 2017 Net Expenditure Budget			0.0%	4.2%	0.0%	0.0%	0.0%	0.0%	4.2%	
Revenues By Type										
Federal	0	0	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0	0	0
Own Funds	-11	-11	0	0	0	0	0	0	-11	0
Fees and Services	-44	-44	0	0	0	0	0	0	-44	0
Fines	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total Revenue	-55	-55	0	0	0	0	0	0	-55	0
Percent of 2017 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Net Requirement	3,988	3,988	0	170	0	0	0	0	4,158	170
Percent of 2017 Net Requirement Budget			0.0%	4.3%	0.0%	0.0%	0.0%	0.0%	4.3%	
Full Time Equivalents (FTE's)		36.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	0.00
Percent of 2017 FTE's			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

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

	Surplus / (Deficit)			
2017 Forecast vs. Budget Variance Explanation	Expense	Revenue	Net	
No significant variance to report.	0	0	0	
Total Surplus / (Deficit)	0	0	0	
	Increase / (Decrease)			
2017 Baseline Adjustment / Explanation	Expense	Revenue	Net 2017 Changes	FTE Impact
Realign \$50K from Professional Services budget to Compensation to fund temporary co-op student.	0	0	0	0.00
Total Adjustments to Base Budget	0	0	0	0.00
	Increase / (Decrease)			
2018 Pressure Category / Explanation	Expense	Revenue	Net 2018 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2018 cost of living, increments and benefit adjustments.	170	0	170	0.00
Temporary staff resources required offset by capital recoveries.	325	0	325	0.00
Capital recoveries for temporary staff resources.	-325	0	-325	0.00
Total Maintain Services	170	0	170	0.00
Total Budget Changes	170	0	170	0.00

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

	2017 Baseline			2018 Adjustments					2018	\$ Change over 2017 Budget
	Forecast	Budget	Adj. to Base Budget	Maintain Services	Growth	Council Priorities	Service Initiatives / Savings	User Fees & Revenues	Estimate	
Expenditures by Program										
Fleet Sr. Manager	252	249	0	8	0	0	0	0	257	8
Maintenance	22,680	22,348	0	343	0	0	0	0	22,691	343
Life Cycle Management & Safety	30,516	29,358	0	1,534	0	0	-102	0	30,790	1,432
Fleet Supply Chain and Training	17,872	16,620	0	63	0	0	0	0	16,683	63
Fleet & General Stores	3,277	3,327	0	90	0	0	0	0	3,417	90
Gross Expenditure	74,597	71,902	0	2,038	0	0	-102	0	73,838	1,936
Recoveries & Allocations	-70,721	-68,026	0	-1,846	0	0	0	0	-69,872	-1,846
Revenue	-549	-549	0	0	0	0	0	0	-549	0
Net Requirement	3,327	3,327	0	192	0	0	-102	0	3,417	90
Expenditures by Type										
Salaries, Wages & Benefits	18,872	17,876	0	1,080	0	0	0	0	18,956	1,080
Overtime	1,427	663	0	21	0	0	0	0	684	21
Material & Services	35,390	34,459	0	-396	0	0	-102	0	33,961	-498
Transfers/Grants/Financial Charges	18,047	18,047	0	1,333	0	0	0	0	19,380	1,333
Fleet Costs	757	786	0	0	0	0	0	0	786	0
Program Facility Costs	0	0	0	0	0	0	0	0	0	0
Other Internal Costs	104	71	0	0	0	0	0	0	71	0
Gross Expenditures	74,597	71,902	0	2,038	0	0	-102	0	73,838	1,936
Recoveries & Allocations	-70,721	-68,026	0	-1,846	0	0	0	0	-69,872	-1,846
Net Expenditure	3,876	3,876	0	192	0	0	-102	0	3,966	90
Percent of 2017 Net Expenditure Budget			0.0%	5.0%	0.0%	0.0%	-2.6%	0.0%	2.3%	
Revenues By Type										
Federal	0	0	0	0	0	0	0	0	0	0
Provincial	0	0	0	0	0	0	0	0	0	0
Municipal	0	0	0	0	0	0	0	0	0	0
Own Funds	0	0	0	0	0	0	0	0	0	0
Fees and Services	-549	-549	0	0	0	0	0	0	-549	0
Fines	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total Revenue	-549	-549	0	0	0	0	0	0	-549	0
Percent of 2017 Revenue Budget			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Net Requirement	3,327	3,327	0	192	0	0	-102	0	3,417	90
Percent of 2017 Net Requirement Budget			0.0%	5.8%	0.0%	0.0%	-3.1%	0.0%	2.7%	
Full Time Equivalents (FTE's)		187.00	0.00	0.00	0.00	0.00	5.00	0.00	192.00	5.00
Percent of 2017 FTE's			0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	2.7%	

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

2017 Forecast vs. Budget Variance Explanation	Surplus / (Deficit)			
	Expense	Revenue	Net	
Increased expenditures primarily from additional fleet costs for winter maintenance operations associated with the winter storms and resulting clean-up required in the first half of 2017 winter season.	-2,625	0	-2,625	
Allocation of Fleet costs to client operations.	2,625	0	2,625	
Total Surplus / (Deficit)	0	0	0	
2018 Pressure Category / Explanation	Expense	Revenue	Net 2018 Changes	FTE Impact
Maintain Services				
All programs include an adjustment for potential 2018 cost of living, increments and benefit adjustments.	580	0	580	0.00
Inflationary impact on purchased services, parts and maintenance and contribution to capital reserve.	1,458	0	1,458	0.00
Allocation of Fleet costs to client operations.	-1,846	0	-1,846	0.00
Total Maintain Services	192	0	192	0.00
Service Initiatives / Savings				
Reduce Fleet material and service budgets by \$933K to fund In-sourcing cost of \$830K and achieve efficiencies of \$102K as per the in-sourcing Business Case.	-102	0	-102	5.00
Total Service Initiatives / Savings	-102	0	-102	5.00
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	90	0	90	5.00

Capital Budget

City of Ottawa
2018 Draft Capital Budget
Transportation Committee
In Thousands (\$000)

Service Area: Fleet Services											
Category	2018 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	24,175	0	24,175	0	0	0	0	0	0	0	0
Growth	250	0	37	0	213	0	0	0	0	0	0
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Strategic Initiatives	0	0	0	0	0	0	0	0	0	0	0
Total	24,425	0	24,212	0	213	0	0	0	0	0	0

City of Ottawa
2018 Draft Capital Budget
Service Area: Fleet Services
In Thousands (\$000)

Project Information			Financial Details								
908867 Lifecycle Renewal Fleet			Class of Estimate:		Not Applicable						
Dept: Corporate Services Department		Category: Renewal of City Assets	Ward: CW		Year of Completion: 2021						
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 life-cycle has many benefits: total funding is at the 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. Further information on the replacement plan is contained in the 2018 Municipal Vehicle and Equipment Replacement Plan, which was approved by ACS2017-CSD-FLT-0001.			2018 Request		24,000		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		24,000		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2018		2019		2020		2021
			Authority		24,000		16,150		15,923		15,057
			Spending Plan		24,000		16,150		15,923		15,057
			FTE's		0		0		0		0
			Operating Impact		0		0		0		0
908868 Municipal Fleet UpFits, Facilities&Tools			Class of Estimate:		Not Applicable						
Dept: Corporate Services Department		Category: Renewal of City Assets	Ward: CW		Year of Completion: 2021						
This program provides for the minor refurbishment / up-fitting of the City's municipal fleet, vehicles and equipment; as well as the acquisition, refurbishment, and replacement of municipal shop tools / equipment, which has reached the end of its useful life. To maximize the optimal useful life of the City's vehicles and equipment, up-fits and minor refurbishments are required periodically. Work areas, technician tools, and equipment will require regular review, modernization, and redesign (i.e. small garage renovations, replacement of hoists, ect.) to maintain appropriate levels of service. Costs related to improvements to the facilities, such as security cameras, would also be funded from this account.			2018 Request		175		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		175		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		2018		2019		2020		2021
			Authority		175		100		100		100
			Spending Plan		175		100		100		100
			FTE's		0		0		0		0
			Operating Impact		0		0		0		0

City of Ottawa
2018 Draft Capital Budget
Service Area: Fleet Services
In Thousands (\$000)

Project Information			Financial Details		
909129 Expansion of Municipal Garage at Trim			Class of Estimate: Not Applicable		
Dept: Corporate Services Department	Category: Growth	Ward: CW	Year of Completion: 2021		
The Trim facility contains fleet vehicles for both Parks and Roads; however, there is only one mechanic supporting both of these groups at the Trim location. The majority of the work required at Trim is currently being out-sourced to Fleet's Swansea facility. Fleet has been asked to expand the support at Trim, reducing travel time and downtime for Roads and Parks staff. Consequently, Fleet Services requires funding to expand support at the Trim facility, which involves reallocating staff from their Swansea facility and the acquisition of essential equipment and tools (i.e. jack stands, exhaust reels, MIG welder, etc.)			2018 Request	250	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	37	Tax Supported/ Dedicated Debt 0
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	213	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	250	0 0 0
			Spending Plan	250	0 0 0
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0

City of Ottawa
2018 Draft Capital Budget
Transportation Committee
In Thousands (\$000)

Service Area: Integrated Roads, Water & Wastewater											
Category	2018 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	94,314	0	17,871	21,995	340	0	31,128	22,980	0	0	54,108
Growth	90	0	25	65	0	0	0	0	0	0	0
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Strategic Initiatives	465	0	325	140	0	0	0	0	0	0	0
Total	94,869	0	18,221	22,200	340	0	31,128	22,980	0	0	54,108

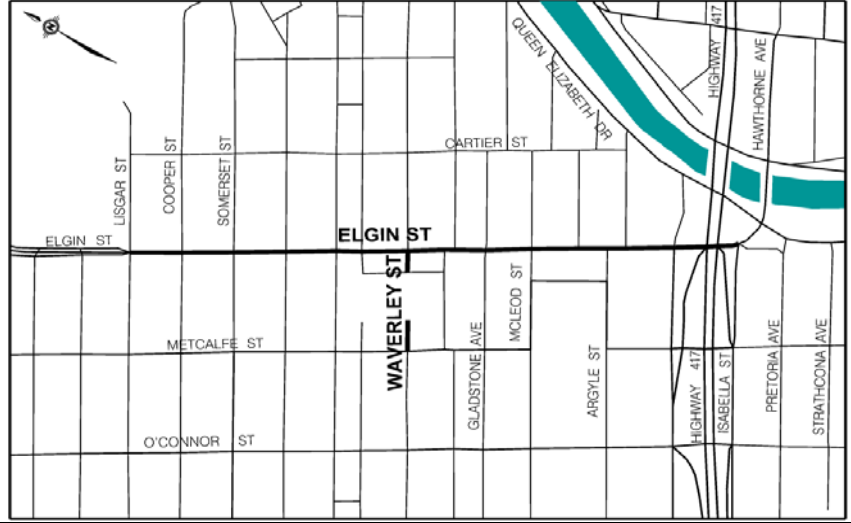
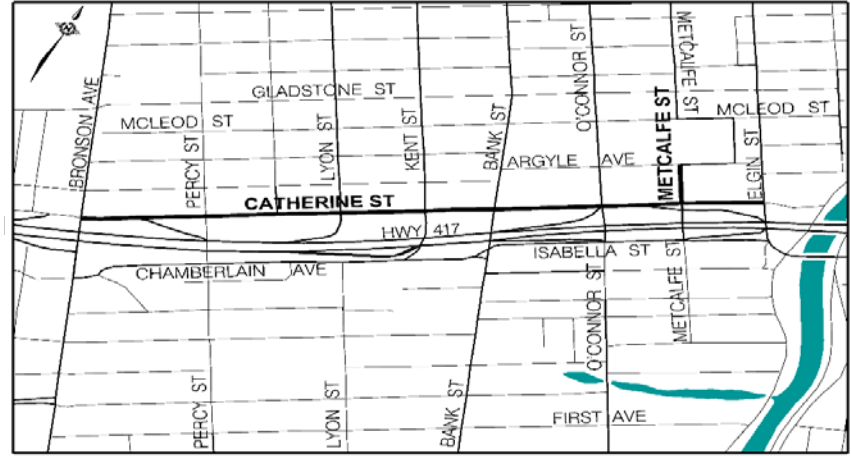
City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Program Information			Financial Details						
Integrated Rehab-Intensification Areas			Class of Estimate:		C) Planning				
Dept:	Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple		Year of Completion: Various				
Integrated rehabilitation projects include rehabilitation of more than one asset class; roads, sanitary sewers, storm drainage, and watermain, 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. 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.			2018 Request		31,100	Projected Yearend Unspent Bal.		0	
			Revenues		0	Debt			
			Tax Supported/ Dedicated		2,800	Tax Supported/ Dedicated Debt		5,600	
			Rate Supported		9,410	Rate Supported Debt		12,950	
			Develop. Charges		340	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		31,100	75,245	62,395	25,640	
			Spending Plan		30,493	56,103	48,993	18,300	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information			\$000's
906056 Albert St / Scott St		Class of Estimate: A) Pre-Tender	800
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2019	
Additional funding required for contract administration and inspection, upon the completion of the contract post LRT revenue service. There will also be design costs to update the original technical plans, including cycle tracks and new accessibility standards. Pending approval, an amount with an upset limit of \$500K will be transferred to 907201. This project is being delivered by the Rail Implementation Office. Project Estimate is comprised of: Roads - \$170K, Sanitary Sewers -\$240K, Storm Drainage - \$260 and Watermains - \$130K.			

City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information			Location/Description	\$000's
906882 Elgin (Lisgar - Isabella)			Class of Estimate: C) Planning	30,100
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2020		
This project will implement recommendations from the O'Connor Flood Control Trunk Level Measures report. Trunk sewer rehabilitation is included on Waverley St from Metcalfe to Elgin St, and on Elgin St from Waverley St to Gilmour St. The local sewers are in poor condition and require replacement to improve the level of service and reduce the risk of basement flooding. Combined sewers are being replaced with separate sanitary and storm sewers between Lisgar and Somerset. The watermains on Elgin St, between Gloucester St and Isabella, require replacement due to poor condition and age. Full road reconstruction / resurfacing including curbs and sidewalks will be included within the limits of the project. Enhancements include 3-6m wide sidewalks, as well as landscaping. The approximate cost of the enhancements, including property requirements, is \$ 3,200,000. This authority request provides for construction funding. Contribution to Public Art is \$159K. Project Estimate is comprised of: Roads - \$7.7M, Sanitary Sewers -\$11.1M, Storm Drainage - \$2.0M, Watermains - \$8.8M and Transit \$500K.				
908571 Catherine St (Bronson-Elgin)			Class of Estimate: D) Conceptual	200
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2022		
This project will implement recommendations from the O'Connor Flood Control Trunk Level Measures report. The local sewers are in poor condition and require replacement to improve the level of service and reduce the risk of basement flooding. The watermains require replacement due to poor condition and age. Full road reconstruction, including curbs and sidewalks, will be included within the limits of the project. The funding request is allocated to complete a transportation functional planning study, in advance of the project design and construction. Project Estimate is comprised of: Roads - \$30K, Sanitary Sewers -\$50K, Storm Drainage - \$50K and Watermains - \$70K.				

City of Ottawa
2018 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: Planning, Infrastructure & Economic Development Department		Category: Renewal of City Assets	Ward: Multiple		Year of Completion: Various				
The integrated rehabilitation projects include rehabilitation of more than one asset class; roads, sanitary sewers, storm drainage, and watermain, 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. The program is comprised of: • 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. 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.			2018 Request		62,944	Projected Yearend Unspent Bal.		0	
			Revenues		0	Debt			
			Tax Supported/ Dedicated		15,006	Tax Supported/ Dedicated Debt		25,528	
			Rate Supported		12,380	Rate Supported Debt		10,030	
			Develop. Charges		0	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		62,944	91,173	109,742	175,147	
			Spending Plan		60,139	90,737	108,006	173,323	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

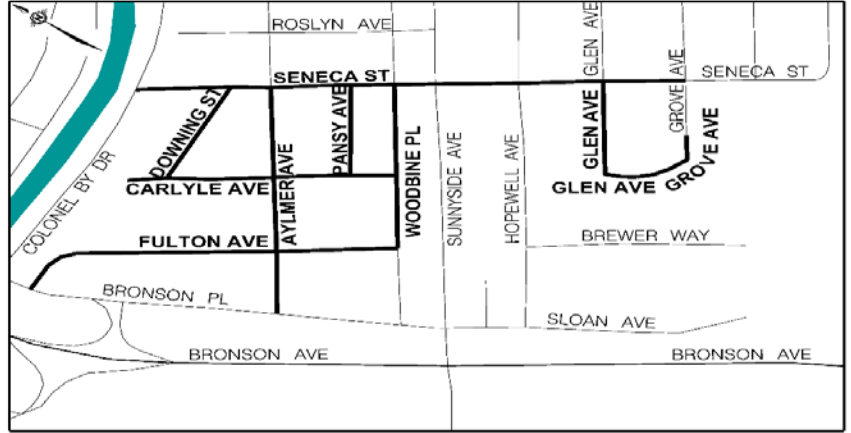
City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information			\$000's
908370 Project Information Management Systems		Class of Estimate: C) Planning	500
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2018	
The scope of the PIMS project includes the implementation of a complete Project and Portfolio Management (PPM) solution, to fulfill the Infrastructure Services project delivery requirements. This funding provides the additional requirement measures for the implementation of the solution over the course of 2018. Project estimate is comprised of: Roads - \$170K, Sanitary Sewers - \$80K, Storm Drainage - \$77K, Watermains -\$83K and Transit - \$90K.			
908940 2018 Infrastructure Assess & Data Collect		Class of Estimate: C) Planning	2,500
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This project is related to performance monitoring, condition assessment, and support initiatives for the City's existing linear building and park asset portfolio. Funding provides for testing, network level data collection, and miscellaneous soil evaluations. The sanitary component of this project is considered for development charge (DC) funding, pursuant to the 2014 Development Charge By-Law 2014-229. Project estimate is comprised of: Roads - \$290K, Sanitary Sewers - \$900K, Storm Drainage - \$900K, Watermains -\$400K and Transit - \$10K.			
908941 2018 Scoping Pre/Post Engineering		Class of Estimate: C) Planning	590
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
Scoping and design briefs are necessary to adequately define boundary conditions, coordination requirements and project limits, prior to initiating design stages for the City's existing linear building and park asset portfolio. Funding also allows design assignments to be initiated for construction, in the years following, and to address adjustments required beyond the project's completion. Project estimate is comprised of: Roads - \$85K, Sanitary Sewers -\$140K, Storm Drainage - \$150K and Watermains - \$215K.			

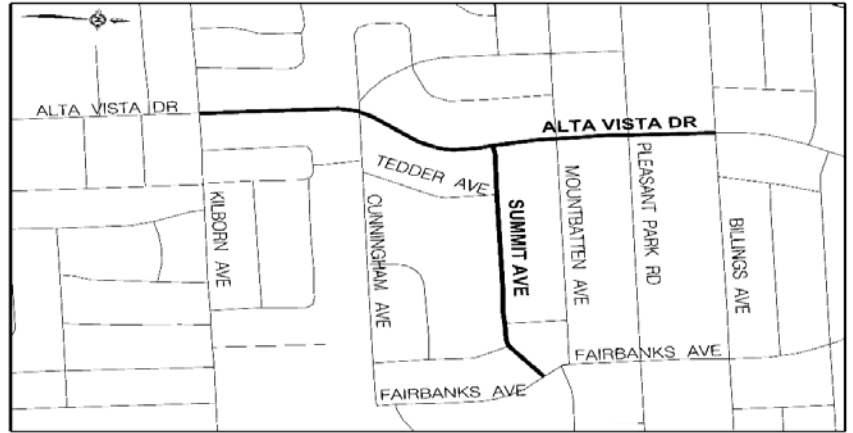
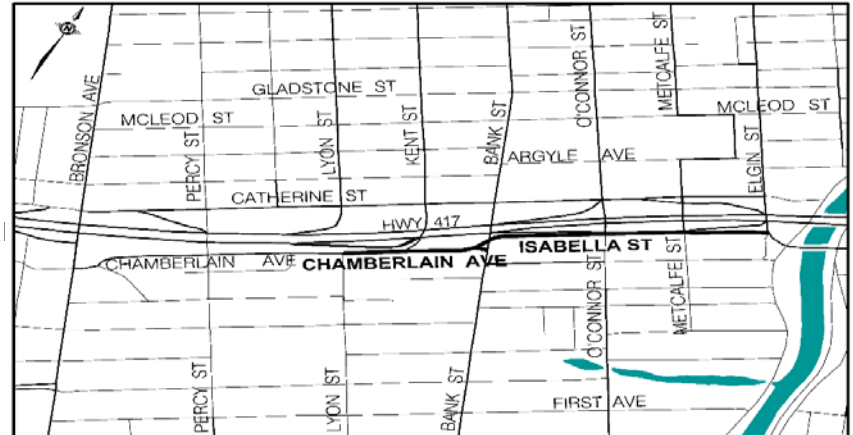
City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information			\$000's
908998	LRT2 R2 Hwy 174 Resurfacing EBL	Class of Estimate: C) Planning	108
Category: Renewal of City Assets	Ward: 13	Year of Completion: 2021	
This project is related to the design of Hwy 174 Mainline road resurfacing east bound lane (EBL), as part of LRT2 works.			

City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information			Location/Description	\$000's
906875 Aylmer - Fulton - Carlyle - Rosedale			Class of Estimate: C) Planning	10,400
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2018		
The sanitary sewers in Aylmer Ave, Carlyle Ave, Downing St, Fulton Ave, Pansy Ave, Seneca St, and Woodbine Pl require replacement due to age and poor condition. The watermain will be replaced according to age, size, and the presence of lead services. The storm sewers are in good condition and do not require replacement, except to accommodate the construction of the sanitary sewer and watermain, when necessary. Full road reconstruction including curbs and sidewalks will also be included. An estimated cost of \$10,000 is required for enhancements including; cycling pavement marking and signage on Aylmer Ave from Bronson Pl to Bank St, and on Seneca St from Colonel By Dr to Cameron Ave. The 2018 authority request will provide for construction funding. Contribution to Public Art is \$75K. Project Estimate is comprised of: Roads - \$2.38M, Sanitary Sewers - \$1.81M, Storm Drainage - \$1.81M and Water Mains \$4.4M. The new year of completion is 2020.				
906884 Glengarry-Onslow-Beckwith-Belgrade			Class of Estimate: C) Planning	9,500
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2020		
The sanitary sewers, within the limits of the project, require rehabilitation due to age, poor condition, and to alleviate basement flooding. In addition, the watermain, within the project limits, also require replacement due to age and the presence of lead services. The storm sewer is in good condition and does not require upgrades, except where impacted by the construction of the sanitary sewer and watermain. Full road reconstruction including curbs and sidewalks will be included. Enhancements include a new sidewalk in Burnham Rd (75m), at an approximate cost of \$11,000; and painting bike sharrows on Onslow Cres between Elliott Ave and Burnham Rd, at an approximate cost of \$1,500. The 2018 authority request will provide for construction funding. Contribution to Public Art is \$56K. Project estimate is comprised of: Roads \$850K, Sanitary Sewers \$2.37M, Storm Drainage \$3.22M and Watermain \$3.06M.				

City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project(s) within a Program Information			Location/Description	\$000's
908567 Alta Vista - Summit			Class of Estimate: D) Conceptual	50
Category: Renewal of City Assets	Ward: 18	Year of Completion: 2023		
The local sewers and watermains require replacement due to age and poor condition. Full road reconstruction, including curbs and sidewalks will be included as required, and trench reinstatement with resurfacing will be implemented where appropriate. The funding request is allocated to complete a transportation functional planning study, in advance of the project design and construction. Project estimate is comprised of: Roads \$10K, Sanitary Sewers \$10K, Storm Drainage \$10K and Watermains \$20K.				
908575 Isabella-Chamberlain			Class of Estimate: D) Conceptual	50
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2023		
The local sewers and watermains require replacement due to age and poor condition. Full road reconstruction, including curbs and sidewalks, will be included as required, and trench reinstatement with resurfacing will be implemented where appropriate. The funding request is allocated to complete a transportation functional planning study in advance of the project design and construction. Project estimate is comprised of: Roads \$10K, Sanitary Sewers \$10K, Storm Drainage \$10K and Watermains \$20K.				

City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project Information		Location/Description	\$000's
908949 2018 Road Resurfacing - CW		Class of Estimate: C) Planning	39,246
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
Road resurfacing provides for annual 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. Enhancements include new paved shoulders costing \$770K.			
	Funding from 2018 Authority		
3	Longfields Dr	North Harrow Dr To Silver Sage Av	
3	Mount Shannon Dr	Longfields Dr To Via Mattino Way	
8	Maitland Av (Or 17)	Clyde Av (Or 17) To Woodward Dr	
17, 18	Riverside Dr (Or 19)	Bank St (Or 31) To Smyth Rd (Or 72) North Ramp	
18	Alta Vista Dr (Or 103)	Smyth Rd (Or 72) To Industrial Av (Or 30)	
04, 23	Terry Fox Dr	330 M North Of Campeau Dr To Palladium Dr	
01- 19	Tenth Line Rd (Or 47)	Innes Rd (Or 30) To St. Joseph Blvd (Or 34)	
1	Old Tenth Line Rd	St. Joseph Blvd To Tenth Line Rd (Or 47)	
18	St. Laurent Blvd / Russell Rd(Or 26)	Innes Rd To Railway Overpass North Limit (315 M North Of Shore St)	
12	Vanier Parkway (Or 19)	Montreal Rd (Or 34) To Beechwood Av (Or 44)	
7	Carling Av (Or 38)	Bayshore Dr To Richmond Rd (Or 36)	
7	Ritchie St	Carling Av To 20 M North Of Carling Av	
20	Marvelville Rd (Or 4)	9Th Line Rd To Gregoire Rd (Or 41)	
21	Rideau Valley South (Or 13)	Carter Rd To Lockhead Rd	
20	Mitch Owens Rd (Or 8)	River Rd (Or 19) To Downey Rd	
9	West Hunt Club Rd (Or 32)	Woodroffe Av (Or 15) To Merivale Rd (Or 17)	
6	Liard St	Fernbank Rd To Stittsville Main St (Or 5)	
2	Or 174 Eb Off Ramp (Ic 112 Ramp 51 And	Or 174 Eb To Blair Rd (Or 27) Nb	
11	Or 174 Wb On Ramp (Ic 112 Ramp 26)	Blair Rd (Or 27) Nb To Or 174 Wb	
11	Or 174 Wb On Ramp (Ic 112 Ramp 36)	Blair Rd (Or 27) Sb To Or 174 Wb	
2	Or 174 Off Ramp (Ic 112 Ramp 53)	Or 174 Eb Off Ramp (Ic 112 Ramp 51) To Blair Rd (Or 27) Sb	
2	Or 174 Eb On Ramp (Ic 112 Rmap 15)	Blair Rd (Or 27) To Or 174 Eb	
11	Or 174 Wb Off Ramp (Ic 112 Ramp 61)	Or 174 Wb To Blair Rd (Or 27)	
1	Or 174 Westbound On Ramp (Ic 102 Ramp 26)	Champlain St (Or 39) North Bound To Or 174 Westbound	

City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project Information			Location/Description	\$000's
	Class of Estimate:			
Category:		Ward:	Year of Completion:	
Road Resurfacing - Continued				
16	Fisher Av (Or 69)	Baseline Rd (Or 16) To Carling Av (Or 38)		
21	Fallowfield Rd (Or 12)	Moodie Dr (Or 11) To 125 M E Of Moodie Dr		
07, 15	Carling Av (Or 38)	Woodroffe Av N. (Or 15) To Churchill Av (Or 65)		
20	Stagecoach Rd (Or 25)	Snake Island Rd (Or 6) To Mitch Owens Rd (Or 8)		
01-19	Charlemagne Blvd	Tenth Line Rd (Or 47) North To Bottriell Way (S)		
8	Harrison St	Greenbank Rd (Or 13) To Monterey Dr		
19	Wilhaven Dr	Frank Kenny Rd To Sarsfield Rd		
20	Yorks Corners Rd	Marvelville Rd (Or 4) To Marionville Rd		
19	Dunning Rd (Or 35)	Colonial Rd (Or 28) To French Hill Rd		
19	Dunning Rd (Or 35)	Innes Rd (Or 30) To Wilhaven Dr		
18	Chapman Blvd	Dorval Av To Othello Av		
9, 16	Meadowlands Dr (Discontinuous)	Inverness Av To Fisher Av (Or 69)		
8	Hemmingwood Way	Westpointe Cr West To Centerpointe Dr East		
23	Katimavik Rd (Ebl)	Eagleson Rd To 85 M West Of Eagleson Rd		
20	Van Rens St	8Th Line Rd (Albert St) To Charters St (Charlotte St)		
9	West Hunt Club Rd (Or 32)	Greenbank Rd (Or 13) To Cedarview Rd (Or 23)		
16	Airport Parkway (OR79)	Hunt Club Rd (Or 32) to Brookfield Rd (Or 51)		
2	Renaud Rd	Anderson Rd (Or 27) to 190 m West of North Bend		
3, 22	Jockvale Rd (Or13) Southbound Lane	Greenbank Rd (Or 13) to Longfields Dr		
5	Bayview Dr	Dunster St to Doris Curries Rd (Boundary Rd)		
11	Donald St	St. Laurent Blvd (Or 26) To Cummings Av		
5	Thomas A Dolan Pkwy	Sixth Line Rd to Barlow Cres		
7	Woodroffe Av (Or 15)	Carling Av (OR 38) to Saville Row		
8	Morrison Dr	Greenbank Rd (Or 13) To Baseline Rd (Or 16)		
CW	Selective Resurfacing	Location TBD		

City of Ottawa
2018 Draft Capital Budget
Service Area: Integrated Roads, Water & Wastewater
In Thousands (\$000)

Project Information			Location/Description	\$000's
	Class of Estimate:			
Category:		Ward:	Year of Completion:	
Road Resurfacing - Continued				
	Below the Line			
17, 18	Riverside Dr (Or 19)	Transitway Underpass (540 M South Of Industrial Av) To Tremblay Rd		
16	Walkley Rd (Or 74)	Avoncourt Way To Bank St (Or 31)		
16	Walkley Rd (Or 74)	Riverside Dr (Or 19) To Wexford Way		
1, 2	St. Joseph Blvd (Or 34)	OR 174 IC 109 Ramp 54 to Youville Dr		
08, 09	Merivale Rd (Or 17)/ Clyde Av (Or 17)	Meadowlands Dr (Or 51) To Baseline Rd (Or 16)		
9	Meadowlands Dr (Or 51)	Chesterton Dr To Tiverton Dr		
1, 2	St. Joseph Blvd (Or 34)	Jeanne D'Arc Blvd To Prestone Dr		
21	Potter Dr	Bankfield Rd (Or 8) To Eastman Av		
5	Deerwood Dr	Morningdove Dr To Panmure Rd		
21	Barnsdale Rd	Moodie Dr (Or 11) To Twin Elm Rd		
23	Stonehaven Dr	Stonemeadow Dr To Bridgestone Dr		
715	Sherbourne Rd	Carling Av (Or 38) To Byron Av		
2	Beausejour Dr	Orleans Blvd (Or 56) To Orleans Blvd (Or 56)		
4	Campeau Dr	March Rd To Terry Fox Dr		
17	Kaladar Ave	Brookfield Rd to Heron Rd (OR 16)		
11	Beaverhill Dr	Jasmine Cr to Laporte St		
11	East Acres Rd	Laporte St to Shefford Rd		
11	Shefford Rd	East Acres Rd to Montreal Rd (OR 34)		

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[illegible]

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

Project Information			Financial Details						
908916 2018 Surveys & Mapping			Class of Estimate:		Not Applicable				
Dept:	Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: CW		Year of Completion: 2020				
This program funds the acquisition and processing of aerial photography and base topographic mapping. 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 conditions. Total project estimate is comprised of: Roads - \$65K, Sanitary Sewers - \$70K, Storm Drainage - \$70K and Watermains - \$65K.			2018 Request		270	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		65	Tax Supported/ Dedicated Debt		0	
			Rate Supported		205	Rate Supported Debt		0	
			Develop. Charges		0	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		270	320	360	320	
			Spending Plan		216	256	288	256	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
909050 Fleet Growth - ROWHUD			Class of Estimate:		Not Applicable				
Dept:	Planning, Infrastructure & Economic Development Department	Category: Growth	Ward: CW		Year of Completion: 2021				
In accordance with the Audit of the Use of City Vehicles and Mileage Claims, ROWHUD conducted an analysis of the breakeven point for mileage claims, provided by Fleet Services. Based on this analysis, it was determined that the movement of three employees to City vehicles was a more cost effective solution. Operating costs are offset by current mileage payments, resulting in no net impact to operating.			2018 Request		90	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		25	Tax Supported/ Dedicated Debt		0	
			Rate Supported		65	Rate Supported Debt		0	
			Develop. Charges		0	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		90	0	0	0	
			Spending Plan		90	0	0	0	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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Project Information			Financial Details					
908918	2018 Public Realm Interventions		Class of Estimate:		Not Applicable			
Dept:	Planning, Infrastructure & Economic Development Department	Category: Strategic Initiatives	Ward: CW		Year of Completion: 2020			
The ongoing intensification of our established urban area is placing pressure and demand for public realm improvements. Funds requested are for the study, design, and delivery of capital projects that will improve the public realm.			2018 Request		465	Projected Yearend Unspent Bal.		0
			Revenues		0	Debt		
			Tax Supported/ Dedicated		325	Tax Supported/ Dedicated Debt		0
			Rate Supported		140	Rate Supported Debt		0
			Develop. Charges		0	Develop. Charges Debt		0
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2018	2019	2020	2021
			Authority		465	550	440	440
			Spending Plan		465	550	440	440
			FTE's		0	0	0	0
			Operating Impact		0	0	0	0

City of Ottawa
2018 Draft Capital Budget
Transportation Committee
In Thousands (\$000)

Service Area: Transit Services											
Category	2018 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	700	0	700	0	0	0	0	0	0	0	0
Growth	8,300	0	548	0	5,052	0	2,700	0	0	0	2,700
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Strategic Initiatives	0	0	0	0	0	0	0	0	0	0	0
Total	9,000	0	1,248	0	5,052	0	2,700	0	0	0	2,700

City of Ottawa
2018 Draft Capital Budget
Service Area: Transit Services
In Thousands (\$000)

Project Information			Financial Details								
908751 2018 Transportation Master Plan			Class of Estimate:		C) Planning						
Dept: Transportation Services Department		Category: Renewal of City Assets	Ward: CW		Year of Completion: 2021						
Stemming from the 2013 updated Transportation Master Plan (TMP), this project requires funds for conducting transportation planning studies; developing guidelines to support the TMP strategic directions of reducing automobile dependence; meeting mobility needs; and protecting public health and safety. Projects in 2018 will include investigating the feasibility of developing a new roadway design guideline for a 30 km/h speed. Additional projects may include work for the next TMP update, which entails preparing background material/studies on relevant issues; such as pro-active corridor analysis and studies, network studies, and other strategic activities. Some of these studies may be undertaken over the span of several years.			2018 Request		700	Projected Yearend Unspent Bal.			0		
			Revenues		0		Debt				
			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		2018		2019		2020		2021
			Authority		700		713		725		739
			Spending Plan		350		707		719		732
			FTE's		0		0		0		0
			Operating Impact		0		0		0		0
908770 2018 TMP Transit Priority Network			Class of Estimate:		C) Planning						
Dept: Transportation Services Department		Category: Growth	Ward: CW		Year of Completion: 2020						
These projects include road changes and traffic engineering strategies that provide preferential treatment for buses on the City's road network, to improve the speed and reliability of transit service and to reduce operating costs. Locations for improvement are approved in the City's Transportation Master Plan (TMP) or are selected based on operating experience.			2018 Request		4,000	Projected Yearend Unspent Bal.			0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		66		Tax Supported/ Dedicated Debt		1,500		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		2,434		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2018		2019		2020		2021
			Authority		4,000		8,270		0		0
			Spending Plan		2,000		6,135		4,135		0
			FTE's		0		0		0		0
			Operating Impact		0		0		0		0

City of Ottawa
2018 Draft Capital Budget
Service Area: Transit Services
In Thousands (\$000)

Project Information			Financial Details					
909064 2018 Transit Corridor Protection			Class of Estimate: C) Planning					
Dept: Transportation Services Department		Category: Growth	Ward: CW		Year of Completion: 2021			
Funding is required for the purchase of strategic property parcels, as they become available, to protect future transportation corridors and facilities for rapid transit BRT or LRT; stations, park and rides, roads, and pathways for cyclists/pedestrians . Although the opportunity to protect future corridors and facilities is achieved by land dedication as a condition of development, it may be essential to acquire select properties in critical areas to maintain corridor integrity. Included in this corridor protection strategy is the acquisition of surplus railway rights-of-way and selected utility corridors that become available. This pre-approved funding envelope will allow the City to act proactively to reduce future liability for property acquisition/protection and mitigation requests.			2018 Request		1,700	Projected Yearend Unspent Bal.		0
			Revenues		0	Debt		
			Tax Supported/ Dedicated		65	Tax Supported/ Dedicated Debt		600
			Rate Supported		0	Rate Supported Debt		0
			Develop. Charges		1,035	Develop. Charges Debt		0
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2018	2019	2020	2021
			Authority		1,700	1,731	1,761	1,794
			Spending Plan		850	1,716	1,746	1,778
			FTE's		0	0	0	0
Operating Impact		0	0	0	0			
909065 2018 Park and Ride Facilities			Class of Estimate: C) Planning					
Dept: Transportation Services Department		Category: Growth	Ward: CW		Year of Completion: 2021			
This annual program intends to increase the capacity of the existing Park and Ride (P&R) lots, design and construct new lots, and improve multi-modal access to transit stations. The planned P&R sites are in various stages of conceptual, preliminary and detail design, and construction. The 2018 program will primarily focus on potential property purchases for future P&R lots in the urban communities outside of the Greenbelt, but it also captures design and construction, and multi-modal access.			2018 Request		1,600	Projected Yearend Unspent Bal.		0
			Revenues		0	Debt		
			Tax Supported/ Dedicated		26	Tax Supported/ Dedicated Debt		600
			Rate Supported		0	Rate Supported Debt		0
			Develop. Charges		974	Develop. Charges Debt		0
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2018	2019	2020	2021
			Authority		1,600	1,629	1,658	1,688
			Spending Plan		800	1,615	1,644	1,673
			FTE's		0	0	0	0
Operating Impact		0	0	0	0			

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Service Area: Transit Services
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Project Information			Financial Details		
909067 2018 Rapid Transit EA Studies			Class of Estimate: C) Planning		
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2021		
Transitway infrastructure projects, undertaken by a municipality, are subject to the requirements of the Ontario Environmental Assessment (EA) Act, and specifically the Ontario Regulation 231/08. The EA study assesses the potential effects of implementing transitway projects on the natural, social, cultural, economic, and existing physical environment. Funding will be used for potential scope changes of current studies; EA studies in accordance with the timing of infrastructure, including rapid transit and major transit priority projects, identified in the City's Transportation Master Plan; and other transit planning investigations as they arise.			2018 Request	1,000	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	391	Tax Supported/ Dedicated Debt 0
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	609	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	1,000	1,018 1,036 1,055
			Spending Plan	300	905 1,022 1,040
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0

City of Ottawa
2018 Draft Capital Budget
Transportation Committee
In Thousands (\$000)

Service Area: Transportation Services											
Category	2018 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	34,360	0	19,589	0	746	0	14,025	0	0	0	14,025
Growth	43,993	0	6,482	0	25,211	0	0	0	12,300	0	12,300
Regulatory	0	0	0	0	0	0	0	0	0	0	0
Strategic Initiatives	11,060	0	10,000	0	60	0	1,000	0	0	0	1,000
Total	89,413	0	36,071	0	26,017	0	15,025	0	12,300	0	27,325

City of Ottawa
2018 Draft Capital Budget
Service Area: Transportation Services
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Program Information			Financial Details					
Structures - Transportation			Class of Estimate:		C) Planning			
Dept:	Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple		Year of Completion: Various			
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. 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.			2018 Request		15,933	Projected Yearend Unspent Bal.		0
			Revenues		0	Debt		
			Tax Supported/ Dedicated		8,408	Tax Supported/ Dedicated Debt		7,525
			Rate Supported		0	Rate Supported Debt		0
			Develop. Charges		0	Develop. Charges Debt		0
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2018	2019	2020	2021
			Authority		15,933	16,647	26,035	23,066
			Spending Plan		15,173	15,647	25,414	22,536
			FTE's		0	0	0	0
			Operating Impact		0	0	0	0

City of Ottawa
2018 Draft Capital Budget
Service Area: Transportation Services
In Thousands (\$000)

Project(s) within a Program Information			\$000's
908583 Bank St Sawmill Crk [057470]		Class of Estimate: C) Planning	70
Category: Renewal of City Assets	Ward: 17, 18	Year of Completion: 2022	
Funding is required for the design phase of life-cycle rehabilitation, in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study.			
908587 Bank St Canal Bridge [012010]		Class of Estimate: C) Planning	100
Category: Renewal of City Assets	Ward: 17	Year of Completion: 2023	
Funding is required for the design phase of life-cycle rehabilitation, in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study.			
908597 McKenzie King Bridge [012200-1]		Class of Estimate: C) Planning	80
Category: Renewal of City Assets	Ward: 12,14	Year of Completion: 2022	
Funding is required to complete a transportation functional planning study, in advance of the project design and construction.			

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Project(s) within a Program Information			\$000's
908607 Transcanada Trail Ped [115020]		Class of Estimate: C) Planning 150	
Category: Renewal of City Assets	Ward: 8	Year of Completion: 2023	
Funding is required for the design phase of life-cycle rehabilitation, in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study.			
908950 2018 Minor Structural Rehab		Class of Estimate: C) Planning 100	
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
Funding is required to undertake engineering, design, and construction of renewal work for minor structures, that are not budgeted through any other renewal program.			
908951 2018 Noise Barriers		Class of Estimate: C) Planning 200	
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This program provides for engineering and construction activities, relating to repairs and rehabilitation, to address deficiencies and the replacement of the of noise barriers. 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.			

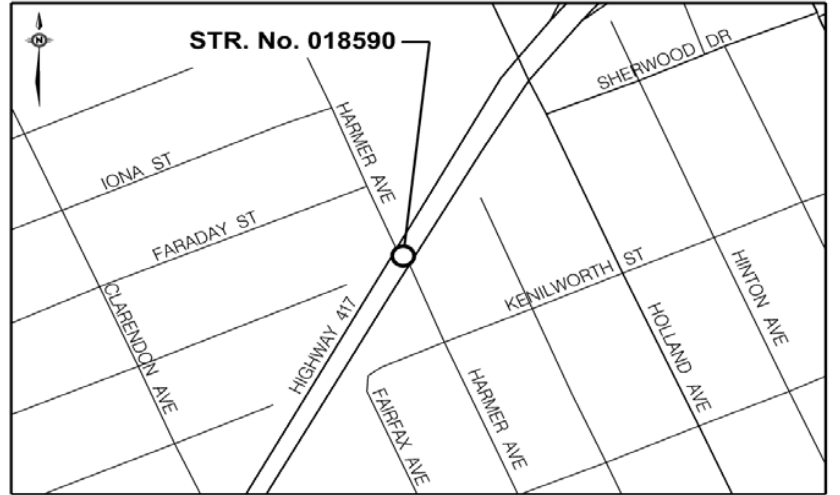
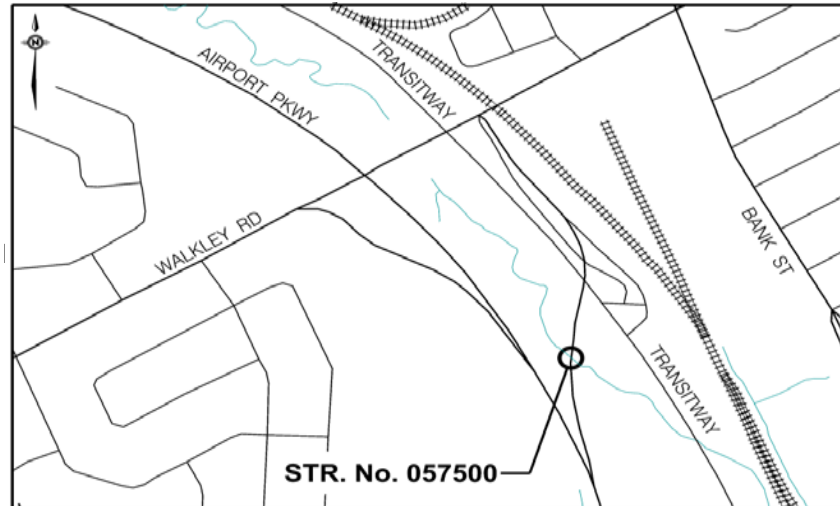
City of Ottawa
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In Thousands (\$000)

Project(s) within a Program Information			\$000's
908952 2018 Retaining Walls		Class of Estimate: C) Planning	200
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This project provides funding necessary to undertake engineering, design, and construction of retaining walls within the City's Right-of-Way, that are not budgeted through any other renewal program.			
908953 2018 Structures - Site-Specific		Class of Estimate: C) Planning	420
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
Funding is required to undertake engineering, design, and construction of renewal works, which are not budgeted through any other renewal program.			
908954 2018 Scoping Pre/Post Bridges & Cul		Class of Estimate: C) Planning	500
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
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.			

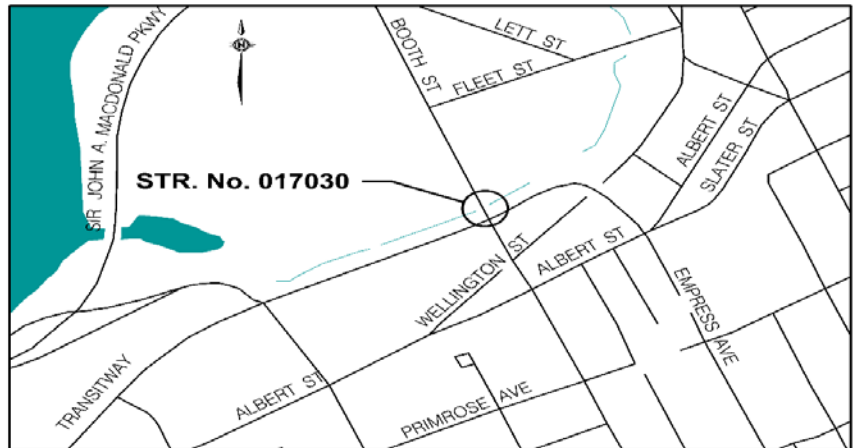
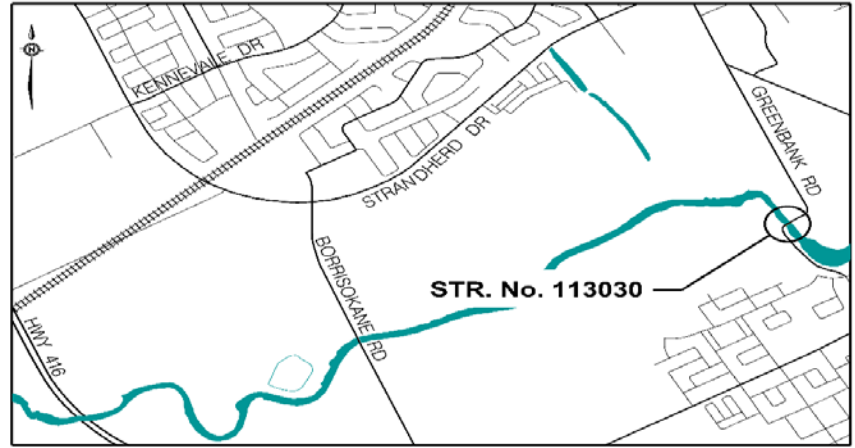
City of Ottawa
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In Thousands (\$000)

Project(s) within a Program Information			\$000's
908999 LRT2 S1 Hwy 174 Montreal Rd		Class of Estimate: C) Planning	807
Category: Renewal of City Assets	Ward: 2	Year of Completion: 2022	
Funding is required for the design phase of Highway 174 west bound lane (WBL) SN 224850 and east bound lane (EBL) SN 224851 Overpass of Montreal Rd, as part of LRT2 works.			
909015 LRT2 S2 Hwy 174 Green's Creek		Class of Estimate: C) Planning	402
Category: Renewal of City Assets	Ward: 2	Year of Completion: 2021	
Funding is required for the design phase of Highway 174 Bridge Culvert over Green's Creek SN 227110, as part of LRT2 works.			
909016 LRT2 S3 Hwy 174 Jeanne D'Arc		Class of Estimate: C) Planning	144
Category: Renewal of City Assets	Ward: 1	Year of Completion: 2021	
Funding is required for the design phase of Jeanne D'Arc Blvd Overpass of Highway 174 SN 224870, as part of LRT2 works.			

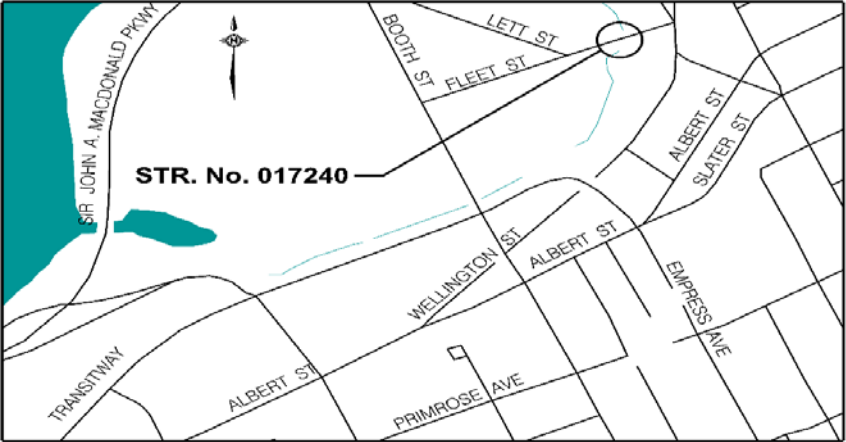
City of Ottawa
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In Thousands (\$000)

Project(s) within a Program Information			Location/Description	\$000's
907019 Harmer Ave Pedestrian Bridge SN018590			Class of Estimate: C) Planning	11,730
Category: Renewal of City Assets	Ward: 15	Year of Completion: 2020		
Funding is required for the construction phase of the Harmer Ave pedestrian bridge's replacement.				
908584 AirportPkw NB WalkleyRamp Twin Bculvert			Class of Estimate: C) Planning	130
Category: Renewal of City Assets	Ward: 16	Year of Completion: 2021		
Funding is required for the design phase of a rehabilitation of the structure, in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study. SN 057500				

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Project(s) within a Program Information			Location/Description	\$000's
908956 Booth St Bridge [017030]			Class of Estimate: C) Planning	400
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2020		
Funding is required for the design phase of a major life-cycle rehabilitation of the heritage bridge, in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study. Project has been advanced to accommodate LRT2 construction.				
908957 Jockvale Bridge [113030]			Class of Estimate: C) Planning	150
Category: Renewal of City Assets	Ward: 3	Year of Completion: 2020		
Funding is required for the design phase of a major life-cycle rehabilitation, in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study.				

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Project(s) within a Program Information			Location/Description	\$000's
908959 Pooley's Ped Bridge [017240]			Class of Estimate: C) Planning	350
Category: Renewal of City Assets	Ward: 14	Year of Completion: 2020		
Funding is required for the design phase of a major life-cycle rehabilitation of the heritage bridge, in line with the recommendations obtained from a detailed condition assessment and renewal options analysis study.				

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In Thousands (\$000)

Program Information			Financial Details																																															
Buildings-Road Services			Class of Estimate: C) Planning																																															
Dept:	Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various																																														
The Building and Park programs provide for life-cycle renewal and replacement work to existing building and park assets. Detailed scope for specific projects extends to a wide assortment of work, such as roof replacement, building preservation, building mechanical and electrical systems, park playgrounds and property elements, hard landscaping, arena and pool equipment, and unplanned emergency work. Annual programming provides allocations as required for each of the service areas as follows: <table><tr><td>Service Area</td><td>Buildings</td><td>Parks</td></tr><tr><td>By-Law Services</td><td>250</td><td></td></tr><tr><td>Child Care Services</td><td>145</td><td></td></tr><tr><td>Cultural Services</td><td>970</td><td></td></tr><tr><td>Fire Services</td><td>650</td><td></td></tr><tr><td>General Government</td><td>2,065</td><td></td></tr><tr><td>Public Library</td><td>810</td><td></td></tr><tr><td>Long Term Care</td><td>4,525</td><td></td></tr><tr><td>Parks & Recreation Facilities</td><td>15,160</td><td>5,250</td></tr><tr><td>Roads Services</td><td>1,235</td><td></td></tr><tr><td>Social Services</td><td>450</td><td></td></tr><tr><td>Water Services</td><td>1,000</td><td></td></tr><tr><td>Transit Services</td><td>3,600</td><td></td></tr><tr><td>TOTAL Authority Request</td><td>30,860</td><td>5,250</td></tr></table> Forecasts are based on bulk allocations that will be detailed in future budget submissions. Project cost group summaries are provided following this program summary.			Service Area	Buildings	Parks	By-Law Services	250		Child Care Services	145		Cultural Services	970		Fire Services	650		General Government	2,065		Public Library	810		Long Term Care	4,525		Parks & Recreation Facilities	15,160	5,250	Roads Services	1,235		Social Services	450		Water Services	1,000		Transit Services	3,600		TOTAL Authority Request	30,860	5,250	2018 Request		1,235	Projected Yearend Unspent Bal.		0
			Service Area	Buildings	Parks																																													
			By-Law Services	250																																														
			Child Care Services	145																																														
			Cultural Services	970																																														
			Fire Services	650																																														
			General Government	2,065																																														
			Public Library	810																																														
			Long Term Care	4,525																																														
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Roads Services	1,235																																																	
Social Services	450																																																	
Water Services	1,000																																																	
Transit Services	3,600																																																	
TOTAL Authority Request	30,860	5,250																																																
Revenues		0	Debt																																															
Tax Supported/ Dedicated		1,235	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		2018	2019	2020	2021																																													
Authority		1,235	800	800	800																																													
Spending Plan		1,235	800	560	720																																													
FTE's		0	0	0	0																																													
Operating Impact		0	0	0	0																																													

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Project Information			Location/Description	\$000's
908928	2018 Buildings-Road Services		Class of Estimate: C) Planning	1,235
Category:	Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This program provides for life cycle-renewal and replacement work to existing building assets and is a component of the corporate Building and Park program.				
8	Woodward Yard: Office/Garage	Replace Fixed Ladder		
8	Woodward Yard: Office/Garage	Replace Mod Bit Roof		
10	Charles Sim Municipal Workshop	Roof Replacement (Roof Areas 3)		
11	Cyrville Depot Salt Dome 01	Structural Assessment - Wood Dome		
11	Cyrville Depot Salt Dome 02	Structural Assessment - Wood Dome		
11	Cyrville Depot Woodwork & Welding Shop	Advance Design - Rehabilitate Concrete Block Wall of Basement Stairwell		
12	Vanier Garage and Office	Investigation - Salt Storage Structure		
12	Hurdman Yard: Office/Garage	Replace Metal Roof (Entrance Canopy)		
12	Hurdman Yard: Office/Garage	Replace Metal Roof (Offices Roof 1 & 2)		
15	Loretta Signals and Communications Centre	Type II Building Condition Audit		
18	Industrial Office/Garage/Paramedic Post	Investigate Siporex Roof Deck		
18	Industrial Office/Garage/Paramedic Post	Replace 3 Overhead Doors - Paramedic Post & Garage		
20	Metcalfe Roads Garage 01 and Office Complex	Investigate Condensation Issue In Garage		
21	Nepean Vehicle Depot: Parks Garage	Replace Roof (MBM)		
21	Manotick Depot Carpenter Shop	Investigation - Concrete Block Foundation		
21	Nepean Vehicle Depot: Salt Dome	Replace Shingles - North Half & Structural Repairs		
CW	City Wide: Roads Services Facilities	Unscheduled Work: Roads Services		

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Program Information			Financial Details				
Preservation Treatment		Class of Estimate: C) Planning					
Dept: Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various				
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. 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.		2018 Request		4,471	Projected Yearend Unspent Bal.		0
		Revenues		0	Debt		
		Tax Supported/ Dedicated		471	Tax Supported/ Dedicated Debt		4,000
		Rate Supported		0	Rate Supported Debt		0
		Develop. Charges		0	Develop. Charges Debt		0
		Gas Tax		0	Gas Tax Debt		0
		Forecast		2018	2019	2020	2021
		Authority		4,471	4,550	5,800	5,900
		Spending Plan		3,130	4,250	5,611	5,880
		FTE's		0	0	0	0
		Operating Impact		0	0	0	0

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Project Information			Location/Description	\$000's
	Class of Estimate: C) Planning			
Category:		Ward:	Year of Completion:	
Preservation treatments - Continued				
	Pavement Preservation			
5	Baskins Beach Rd		Vances Side Rd To Dead End	
20	Castor Rd		Yorks Corners Rd To Gregoire Rd	
20	9th Line Rd		Marvelville Rd (Or 4) To Castor Rd (N)	
5	Limestone Rd		Kinburn Side Rd (Or 20) To Styles Side Rd	
5	Greenland Rd		Thomas A. Dolan Pkwy To Vances Side Rd	
5	Vaughan Side Rd		Upper Dwyer Hill Rd (Or 3) To Peter Robinson Rd	
5	Diamondview Rd		1.58 Km North Of Mcgee Side Rd To March Rd (Or 49)	
5	William Hodgins La		Donald B. Munro Dr To Vaughan Side Rd	
5	Old Almonte Rd		Upper Dwyer Hill Rd (Or 3) To 1 Km West Of Corkery Rd	
21	Gallagher Rd		Mackey Rd To Malakoff Rd	
5	Bishop Davis Dr		Allbirch Rd To Fireside Dr	
5	Burnt Lands Rd		March Rd (Or 49) To Vaughan Side Rd	
5	Vaughan Side Rd		Burnt Lands Rd To Upper Dwyer Hill Rd	
5	Golden Line Rd		Mcarton Rd To Hamilton Side Rd	
5	Dunrobin Rd (Or 9)		Cameron Harvey Dr To Kinburn Side Rd (Or 20)	
5	Galetta Side Rd (Or 22)		Ferry Rd (Or 7) To Dunrobin Rd (Or 9)	
5	March Rd (Or 49)		East Limit Of Hwy 417 Overpass To Tall Forest Dr (W)	
21	Fourth Line Rd (Or 5)		Prince Of Wales Dr (Or 73) To Shellstar Dr	

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Program Information			Financial Details		
Sidewalk & Curb Rehabilitation			Class of Estimate: C) Planning		
Dept: Planning, Infrastructure & Economic Development Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various		
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. 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.			2018 Request	2,375	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	375	Tax Supported/ Dedicated Debt 2,000
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	0	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	2,375	2,875 3,850 8,250
			Spending Plan	2,200	2,750 3,700 7,500
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0

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Project Information		Location/Description	\$000's
908977 2018 Sidewalk & Pathway renewal		Class of Estimate: C) Planning	2,375
Category: Renewal of City Assets Ward: CW		Year of Completion: 2020	
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.			
	Sidewalk Construction		
1	Tenth Line Rd (Or 47) (West Sidewalk)	Old Tenth Line Rd To Tompkins Av	
1	Old Tenth Line Rd (Both Sidewalks)	St. Joseph Blvd To Tenth Line Rd (Or 47)	
8	Navaho Dr (East Sidewalk)	Baseline Rd (Or 16) To Iris St	
8,16	Clyde Av (Or 17) (East Sidewalk)	205 M North Of Baseline Rd (Or 16) To 335 M North Of Baseline Rd (Or 16)	
9	Merivale Rd - West Sidewalk	85 M South Of Capital Dr To At Railway Crossing	
13	Prince Albert St (North Sidewalk)	Bernard St To Alesther St	
14	Constitution Square - Slater St (Or 40) (North	100 M East Of Lyon St N	
14	Constitution Square - Albert St (Or 42) (South	100 M East Of Lyon St N	
15	Pathway - Byron Linear Tramway Park	Redwood Av To Golden Av	
16	Fisher Av (Or 69) (West Sidewalk)	Baseline Rd (Or 16) To 268 M South Of Trent St	
18	Chapman Blvd (Both Sidewalks)	Haig Dr To Othello Ave	
18	Alta Vista Dr (Both Sidewalks)	Billings Ave To Smyth Rd	
23	Abbeyhill Dr (Both Sidewalks)	Castlefrank Rd To Oriole Av	
CW	2018 Selective Sidewalk Reconstruction	Locations TBD	
	Sidewalk Design		
7	Mcewen Av (East Sidewalk)	Ambleside Dr To Cul-De-Sac	
23	Curran St (West Sidewalk)	Mccurdy Dr To Katimavik Rd	
23	Davis Ave (East/West Sidewalk)	Katimavik Rd To Mccgibbon Rd	
23	Mccurdy Dr (South Sidewalk)	Sewell Way To Castlefrank Rd	
23	Sewell Way (East Sidewalk)	Mccurdy Dr To Katimavik Rd	
CW	2018 Design For Future Construction	Location TBD	

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Project Information			Location/Description	\$000's
	Class of Estimate:			
Category:		Ward:	Year of Completion:	
Pathways				
	Pathway Construction			
10	Major Pathway - Karsh Park		Karsh Dr To Blohm Dr	
10	Major Pathway - Conroy Park		Conroy Rd To Blohm Dr	
10	Major Pathway		Forestglade Cres To Hawthorne Rd	
18	Pathway Link		Chomley Cres To Caverley St	
18	Multi-Use Pathway Link		Bathurst Ave To Shelley Ave	
	Pathway Design			
1	Pathway Link		Roxdale Cres To Phoenix Cres	
2	Pathway Link		Des Grives Cres To Toulouse Cres	
2	Pathway Link		Toulouse Cres To Belval Cres	
7	Pathway Link		Honeywell Ave To Knightsbridge Rd	
8	Pathway Link		Southwood Rd To Sudbury Ave	
8	Multi-Use Pathway Link		Highgate Rd To Rustic Dr	
10	Pathway Link		Shadowhill Cres To Bank St	
11	Pathway Link		Cyrville Rd To Saxony Cres	
13	Pathway Link		Wolffdale Cres To Wolffdale Cres	
22	Pathway Link		Windhurst Dr To Stonepoint Ave	

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Project Information			Location/Description	\$000's
	Class of Estimate:			
Category:		Ward:	Year of Completion:	
Pathway Continued				
	Below the Line			
	Pathway Design			
1	Multi-Use Pathway Link	Champlain St To Alpine St		
2	Multi-Use Pathway Link	Gaultois Ave To Orleans Blvd		
2	Multi-Use Pathway Link	Orleans Blvd To Kamouraska Cir		
3	Multi-Use Pathway Link - Greenbank Park	Greenbank Rd To Knollsbrook Dr		
8	Multi-Use Pathway Link	Cimarron Cres To Summerwalk Pl		
10	Multi-Use Pathway Link	St. Barbara St To Bank St		
10	Multi-Use Pathway Link	Trappers Rd To Mozart Crt		
10	Multi-Use Pathway Link	Albion Rd To Gothwood Pl		
10	Multi-Use Pathway Link	Hank Rivers Dr To Severight Ave		
10	Multi-Use Pathway Link	Rastila Cres West To Brando Cr		
11	Multi-Use Pathway Link	St. Laurent Blvd To Michael St		
17	Multi-Use Pathway Link	Brookfield Rd To Bank St		
23	Multi-Use Pathway Link	Parson Ridge Rd To McLennan Way		
23	Multi-Use Pathway Link	Liston Cres To Mccurdy Dr		
23	Multi-Use Pathway Link	Nanook Cres To Kakulu Rd		

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Program Information			Financial Details		
Parking Lifecycle Renewal			Class of Estimate: Not Applicable		
Dept:	Public Works & Environmental Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various	
The 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; purchase of parking payment equipment; upgrades to security and accessibility in paid parking facilities. The fulfillment of these initiatives preserves and extends the life of municipal parking infrastructure, and enhances the viability of the Municipal Parking Management Program.			2018 Request	2,425	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	2,425	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	2018	2019 2020 2021
			Authority	2,425	2,408 3,183 2,188
			Spending Plan	2,425	2,408 3,183 2,188
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0

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Project(s) within a Program Information			\$000's
908403 On & Off Street Parking Sys P3 Cap Pymt		Class of Estimate: Not Applicable	500
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This project provides funds for capital payments related to on and off-street parking payment equipment, in accordance with the terms of the Parking Operations System Agreement.			
909121 Lifecycle Renewal - Parking Facilities (2018)		Class of Estimate: Not Applicable	1,775
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This project provides funding for annual life-cycle repair projects, necessary to adapt and extend the life of off-street parking infrastructure and to ensure the safety and convenience of parking customers.			
909122 On-Street Facility Modification (2018)		Class of Estimate: Not Applicable	150
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
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.			

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Project Information			Financial Details					
909123 Parking Studies - DC (2018)		Class of Estimate:		Not Applicable				
Dept:	Public Works & Environmental Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2021				
Supports various parking studies, related to growth, throughout the City. Parking studies are undertaken on an on-going basis to ensure parking data is up-to-date, and to respond to internal and external requirements for parking-related information.			2018 Request		50	Projected Yearend Unspent Bal.		0
			Revenues		0	Debt		
			Tax Supported/ Dedicated		40	Tax Supported/ Dedicated Debt		0
			Rate Supported		0	Rate Supported Debt		0
			Develop. Charges		10	Develop. Charges Debt		0
			Gas Tax		0	Gas Tax Debt		0
			Forecast		2018	2019	2020	2021
			Authority		50	50	50	50
			Spending Plan		50	50	50	50
			FTE's		0	0	0	0
			Operating Impact		0	0	0	0

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Project Information				Financial Details						
909010 2018 Ice & Snow Control Technologies			Class of Estimate:		Not Applicable					
Dept:	Public Works & Environmental Services Department	Category: Renewal of City Assets	Ward: CW		Year of Completion: 2021					
The project is used for research, trial, or pilot projects to: • Verify new technologies or products. • Enhance the efficiency of existing technologies & products. • Audit, upgrade the safety & environmental aspects of use, and storage of bulk de-icing products.			2018 Request		140	Projected Yearend Unspent Bal.				0
			Revenues		0	Debt				
			Tax Supported/ Dedicated		140	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		2018	2019	2020	2021		
			Authority		140	145	150	155		
			Spending Plan		140	145	150	155		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
909049 Roads Equipment Replacement			Class of Estimate:		Not Applicable					
Dept:	Public Works & Environmental Services Department	Category: Renewal of City Assets	Ward: CW		Year of Completion: 2020					
This project includes the annual lifecycle replacement and unexpected 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.			2018 Request		150	Projected Yearend Unspent Bal.				0
			Revenues		0	Debt				
			Tax Supported/ Dedicated		150	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		2018	2019	2020	2021		
			Authority		150	0	0	0		
			Spending Plan		150	0	0	0		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		

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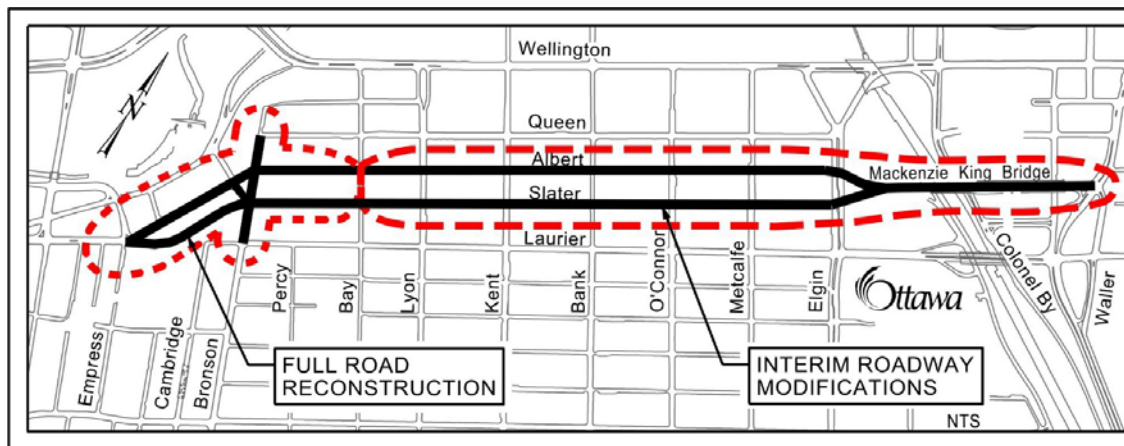
Program Information			Financial Details					
Public Works Facilities			Class of Estimate:		C) Planning			
Dept:	Public Works & Environmental Services Department	Category: Growth	Ward: Multiple		Year of Completion: Various			
This program includes the ongoing maintenance and life-cycle renewal of assets within Public Works Yard facilities.			2018 Request		140	Projected Yearend Unspent Bal.		0
			Revenues		0	Debt		
			Tax Supported/ Dedicated		140	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		2018	2019	2020	2021
			Authority		140	290	310	318
			Spending Plan		140	290	310	318
			FTE's		0	0	0	0
			Operating Impact		0	0	0	0

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Project(s) within a Program Information			\$000's
909024	2018 Life Cycle Renew - PWES Works Yard Facil.		Class of Estimate: C) Planning140
Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This funding provides for life-cycle work to existing PWES Works Yard facilities. Life-cycle 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.			

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Project Information			Financial Details									
908553 Albert/Slater/Mackenzie King (Empress-Waller)			Class of Estimate: C) Planning									
Dept: Transportation Services Department		Category: Renewal of City Assets	Ward 14		Year of Completion: 2022							
This functional design study and subsequent implementation project will build on opportunities to reallocate space, which will not be required for transit operation after the opening of the Confederation Line. The corridor includes the right-of-way on Albert Street, Slater Street and the Mackenzie-King Bridge, between Empress and Waller streets. The reallocated space will be used to enhance the street environment and/or to accommodate active transportation, in accordance with City policies. This study and the subsequent project capitalizes on the planned road reconstruction of Albert and Slater Streets between Empress Avenue and Bay Street, and will include a range of interim and ultimate measures. The renewal of the Albert Street and Slater Street corridors will implement the vision established in the Official Plan, and build on the findings and recommendations of the 2013 Downtown Moves Study.			2018 Request		500	Projected Yearend Unspent Bal.		0				
			Revenues		0		Debt					
			Tax Supported/ Dedicated		100		Tax Supported/ Dedicated Debt		400			
			Rate Supported		0		Rate Supported Debt		0			
			Develop. Charges		0		Develop. Charges Debt		0			
			Gas Tax		0		Gas Tax Debt		0			
			Forecast		2018		2019		2020		2021	
			Authority		500		2,545		2,106		1,291	
			Spending Plan		500		2,545		2,106		1,291	
			FTE's		0		0		0		0	
Operating Impact		0		0		0		0				



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Project Information		Financial Details		
908877 2018 Street Lighting Major Replacements		Class of Estimate:	D) Conceptual	
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020	
This program provides the installation of new/upgraded street lights and street light plant, addressing 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 at the end of its life-cycle and requires replacement; concrete street light poles, showing signs of degradation; and power supply cabinets, which 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 modifications to the existing street lighting plant. This work includes coordination with hydro utility for planning; design 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.		2018 Request	2,710	Projected Yearend Unspent Bal. 0
		Revenues	0	Debt
		Tax Supported/ Dedicated	2,168	Tax Supported/ Dedicated Debt 0
		Rate Supported	0	Rate Supported Debt 0
		Develop. Charges	542	Develop. Charges Debt 0
		Gas Tax	0	Gas Tax Debt 0
		Forecast	2018	2019 2020 2021
		Authority	2,710	2,800 2,800 2,850
		Spending Plan	2,710	2,800 2,800 2,850
		FTE's	0	0 0 0
		Operating Impact	0	0 0 0

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Project Information			Location/Description	\$000's
908877 2018 Street Lighting Major Replacements			Class of Estimate: D) Conceptual	2,710
Category: Renewal of City Assets		Ward: CW	Year of Completion: 2020	
This project provides funding for various street light rehabilitation initiatives described below.				
CW	City Wide Program	Hydro pole conversions	see below	
CW	City Wide Program	Luminaire & cable transfers (Hydro Ottawa)	100	
CW	City Wide Program	Misc engineering upgrades (subdivision inspections)	120	
CW	City Wide Program	Engineering - cable fault program	see below	
CW	City Wide Program	Misc upgrades - installation of new/upgraded streetlight plant	300	
CW	City Wide Program	Separation of street light system from the traffic system	75	
CW	City Wide Program	City pole replacement program	see below	
CW	City Wide Program	decorative fixture LED retrofit	300	
CW	City Wide Program	Cable and pole replacement in conjunction with the city wide LED retrofit	369	
	City Pole Replacement Program			
1	865 Champlain St.	pole replacement	6	
2	1672 Champneuf Dr.	pole replacement	6	
3	Spring Cress Dr. at Staghorn Green	pole replacement	6	
8	68 Meadowlands Dr.	pole replacement	6	
11	614 Eastvale Dr.	pole replacement	6	
11	Naskapi Dr. At Marquis Ave	pole replacement	6	
12	500 Old St. Patrick St.	pole replacement	6	
16	3248 Uplands Dr.	pole replacement	6	
18	1521 Caverley St.	pole replacement	6	
19	Topaz Ave	pole replacement	6	
CW	20 additional poles anticipated by year end	pole replacement	120	

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Project Information			Location/Description	\$000's
	Class of Estimate: 0			
Category:		Ward:	Year of Completion:	
Continued.				
	Hydro Pole Replacement Program			
6	Shea Rd.	Hydro pole replacement		60
8	Southwood Dr.	Hydro pole replacement		80
8	Cobden Rd.	Hydro pole replacement		80
18	Elmvale Acres	Hydro pole replacement		200
	2018 Cable Fault Repair Program			
2	33 Beddoe Lane at Roseanne Lane	Cable fault repair		18
2	78 Glen Park Dr.	Cable fault repair		18
2	Windflower Way at Sansonnet St.	Cable fault repair		18
7	839 Edgeworth Ave	Cable fault repair		18
7	2162 Strathmore Blvd.	Cable fault repair		18
8	Bassano St. and St. Claire Ave	Cable fault repair		18
9	163 Woodfield Dr.	Cable fault repair		18
10	1342 Fernwood Dr.	Cable fault repair		18
11	2090 Kender Ave	Cable fault repair		18
11	2280 City Park Dr.	Cable fault repair		18
11	1522 Meadowbrook Rd.	Cable fault repair		18
11	657 Ingram Cres.	Cable fault repair		18
16	2595 Egan Rd.	Cable fault repair		18
16	704 Walkley Rd.	Cable fault repair		18
18	2211 Audrey Ave	Cable fault repair		18
21	2321 Windham Crt.	Cable fault repair		18
23	436 Pickford Dr.	Cable fault repair		18
23	Pickford Dr. at Clarkson Cres.	Cable fault repair		36
CW	28 additional sites anticipated by year end	Cable fault repair		504

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Program Information			Financial Details		
Traffic Control Devices Rehabilitation-Renewal			Class of Estimate: C) Planning		
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: Multiple	Year of Completion: Various		
This program provides on-going maintenance to ensure safety and effective operation of the City's Traffic Control Systems. Currently, there are over 1,162 traffic control signals in the City of Ottawa, and several hundred of these signals were installed 30 to 40 years ago. The overall goal of this program is to reduce operational costs, while developing efficiencies in the Traffic Control System, in order to effectively manage growth. The program includes life-cycle renewal for: - Traffic Control Signals - Traffic Monitoring System			2018 Request	1,981	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	1,901	Tax Supported/ Dedicated Debt 0
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	80	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	1,981	1,968 2,018 2,054
			Spending Plan	3,690	1,968 2,018 2,054
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0

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Project Information			Location/Description	\$000's
908878 2018 LCR Traffic Control Signals			Class of Estimate: C) Planning	1,581
Category: Renewal of City Assets		Ward: CW	Year of Completion: 2020	
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 accomdate traffic growth.				
CW	Various intersections	Upgrade traffic control signal cabinets and controllers		250
CW	Various locations	Rebuild traffic signal plant		350
CW	Various locations	Replace aging traffic signal disconnect cabinets		350
CW	Various locations	Repair/replace damaged traffic ducts and handholes		100
CW	Various locations	Installation of traffic signal communication infrastructure		300
CW	Various locations	Replace/inspect overhead traffic signs		100
CW	Various streets	Replace street name signs		50
CW	Various intersections	Install left turn arrows		81
908879 2018 LCR Traffic Monitoring System			Class of Estimate: C) Planning	400
Category: Renewal of City Assets		Ward: CW	Year of Completion: 2020	
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 benefit all traffic signals across the City of Ottawa.				

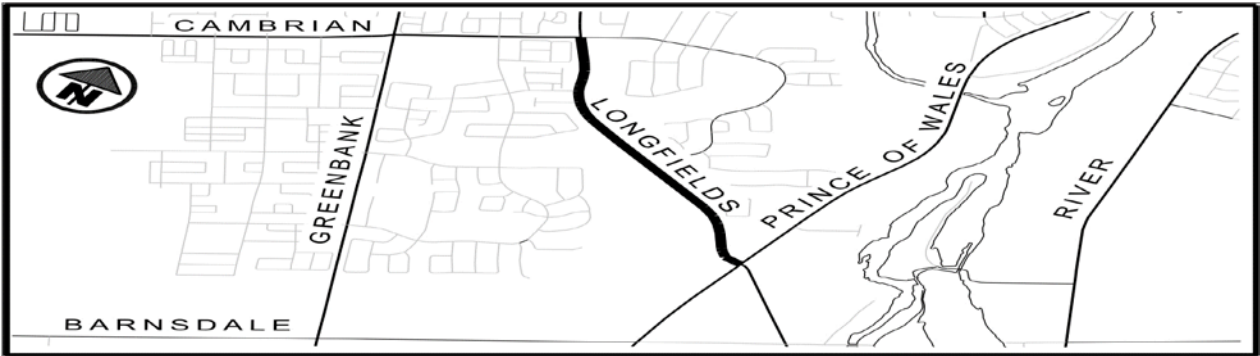
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Project Information		Financial Details				
909056 2018 Pedestrian Access-Intersection & Ramping		Class of Estimate: D) Conceptual				
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2020			
This program supports Council's vision that Ottawa will be a leader in providing accessible environments for all users, embracing the principles of universal infrastructure design that support accessible mobility. It is focused on improvements to existing pedestrian facilities, that will not be captured through road reconstruction nor development projects. The program removes obstructions and installs sidewalks, curb ramps and TWSIs (Tactile Walking Surface Indicators), while bringing facilities in line with current accessibility design standards and legislation. Locations are prioritized based on linking to public transit, schools, parks, population and employment density, road classification, as well as technical feasibility.		2018 Request 200		Projected Yearend Unspent Bal. 0		
		Revenues	0	Debt		
		Tax Supported/ Dedicated	100	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	2018	2019	2020	2021
		Authority	200	200	200	200
		Spending Plan	200	200	200	200
		FTE's	0	0	0	0
		Operating Impact	0	0	0	0
909061 2018 Area Traffic Management		Class of Estimate: C) Planning				
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: CW	Year of Completion: 2021			
This on-going program encompasses a process to ensure that streets, within existing neighbourhoods, are utilized appropriately and that the impact of motorized vehicles on these neighbourhoods is minimized. This program also improves the safety and quality of life of everyone impacted by the use of the street. This program follows the Council-approved Area Traffic Management Guidelines (2004), which directs how requests and recommended measures from studies should be prioritized. Recommended measures could include both traffic management options and physical measures, such as traffic calming features within the communities. While this program is the main source of funding for the implementation of approved measures, some measures are included in the road reconstruction program. Potential projects are subject to change pending actual prioritization requirements of the ATM Program, as per the Council-approved process.		2018 Request 690		Projected Yearend Unspent Bal. 0		
		Revenues	0	Debt		
		Tax Supported/ Dedicated	576	Tax Supported/ Dedicated Debt	0	
		Rate Supported	0	Rate Supported Debt	0	
		Develop. Charges	114	Develop. Charges Debt	0	
		Gas Tax	0	Gas Tax Debt	0	
		Forecast	2018	2019	2020	2021
		Authority	690	723	756	791
		Spending Plan	173	629	728	761
		FTE's	0	0	0	0
		Operating Impact	0	0	0	0

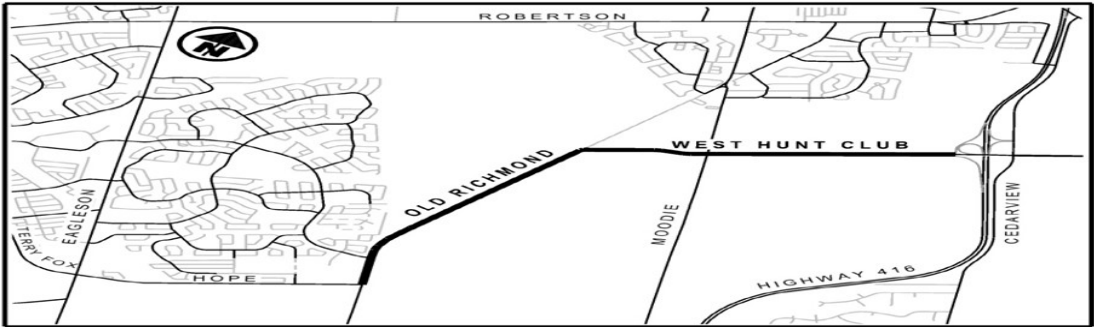
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Project Information			Financial Details		
909124 Pathway Lighting (uOttawa to Hurdman Station)			Class of Estimate: D) Conceptual		
Dept: Transportation Services Department	Category: Renewal of City Assets	Ward: 12,17	Year of Completion: 2018		
With the conversion of the Transitway to LRT, the Transitway lighting that provided spill-over lighting to the adjacent multi-use pathway was removed. These funds will be used to provide lighting along the multi-use pathway between uOttawa and Hurdman Stations.			2018 Request	1,500	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	1,500	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	2018	2019 2020 2021
			Authority	1,500	0 0 0
			Spending Plan	1,500	0 0 0
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0

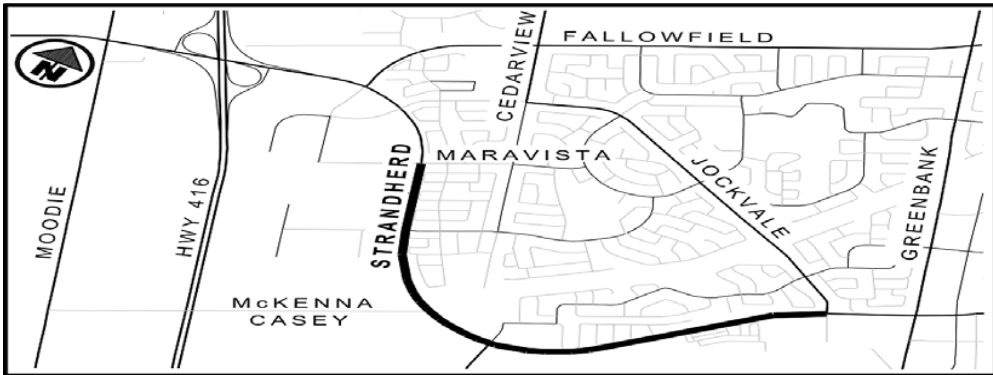
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Project Information			Financial Details			
903178 Longfields Dr (Cambrian - Prince of Wales)			Class of Estimate: B) Design			
Dept: Transportation Services Department	Category: Growth	Ward: 3,22	Year of Completion: 2020			
The City's Transportation Master Plan identifies widening of this section of Jockvale Road (now called Londfields Drive), as a Phase 2 roads project (2020 - 2025). Renewal and replacement of hydro poles along this roadway will occur soon. This funding will provide authority to acquire land in advance, thereby allowing the co-ordination for the relocation of hydro poles along the corridor at the ultimate widening location.			2018 Request	2,000	Projected Yearend Unspent Bal. 1,352	
			Revenues	0	Debt	
			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	2018	2019	2020
			Authority	2,000	0	0
			Spending Plan	3,352	0	0
			FTE's	0	0	0
			Operating Impact	0	0	0
						

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Project Information			Financial Details			
906920 Kanata South Link (Hope Side to Hwy 416)			Class of Estimate: B) Design			
Dept: Transportation Services Department	Category: Growth	Ward: 8,21,23	Year of Completion: 2021			
To accommodate growth in the Kanata South and Stittsville communities, this project involves the widening, to a 4 lane divided roadway, of Old Richmond Road and West Hunt Club Road between Hope Side Road and Highway 416. Detailed design is underway for the full 7.5 km corridor of Hope Side Road at Eagleson Road to Hunt Club Road and Highway 416. Funding for construction has been requested in 2018 for select work in the 5.5 km segment from Hope Side Road to Highway 416, consisting of full widening of Old Richmond Road and improvements along West Hunt Club at the Moodie Drive intersection.			2018 Request	24,000	Projected Yearend Unspent Bal. 13,553	
			Revenues	0	Debt	
			Tax Supported/ Dedicated	1,185	Tax Supported/ Dedicated Debt	0
			Rate Supported	0	Rate Supported Debt	0
			Develop. Charges	10,515	Develop. Charges Debt	12,300
			Gas Tax	0	Gas Tax Debt	0
			Forecast	2018	2019	2020
			Authority	24,000	0	0
			Spending Plan	18,353	12,000	7,200
			FTE's	0	0	0
			Operating Impact	17	18	0
						

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Project Information			Financial Details		
907405 Strandherd Dr Ph2(Maravista to Jockvale)			Class of Estimate: C) Planning		
Dept: Transportation Services Department	Category: Growth	Ward: 3	Year of Completion: 2026		
Rapid growth in the Barrhaven South area requires widening of Strandherd Drive to four lanes between Maravista Drive and Jockvale Road. Detailed design is being completed, and funding is requested for future construction of the approximately 3.3km segment. The project also includes a grade-separated crossing over the rail corridor.			2018 Request	1,000	Projected Yearend Unspent Bal. 19,370
			Revenues	0	Debt
			Tax Supported/ Dedicated	50	Tax Supported/ Dedicated Debt 0
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	950	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	1,000	27,000 26,566 14,240
			Spending Plan	19,470	15,000 18,000 12,000
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0
					

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Project Information			Financial Details		
908275 Pedestrian Facilities Program			Class of Estimate: C) Planning		
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2021		
This program supports safe mobility choices, through completing the identified pedestrian network projects in Phase 1 of the Ottawa Pedestrian Plan. This program promotes the design and construction of the Affordable Pedestrian Network, to complete missing pedestrian links that connect residents to transit, schools, parks and other key pedestrian destinations within communities. New sidewalks are also provided as part of new land developments and through integrated road reconstruction projects. The Official Plan, Transportation Master Plan, and Pedestrian Plan, all identify the provision of sidewalks and pathway routes as key to supporting current and future transportation and mobility needs of residents, improving pedestrian accessibility and safety.			2018 Request	1,500	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	1,125	Tax Supported/ Dedicated Debt 0
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	375	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	1,500	1,639 1,668 1,699
			Spending Plan	750	1,420 1,640 1,681
			FTE's	0	0 0 0
			Operating Impact	0	18 0 0

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Project Information			Location/Description	\$000's
908275 Pedestrian Facilities Program			Class of Estimate: C) Planning	1,500
Category: Growth		Ward: CW	Year of Completion: 2021	
This program promotes the design and construction of the Affordable Pedestrian Network, to complete missing pedestrian links that connect residents to transit, schools, parks and other key pedestrian destinations within communities.				
18	Tremblay Rd.	Riverside Dr. to Transit Linkway		1500
11	Cummings Ave.	Cyrville Rd to Ogilvie Rd.		
18	Industrial Ave.	East of Trainyards Dr. to Neighbourhood Way		
11	Startop Rd.	Cyrville Rd. to Algoma Rd.		
11	Michael St.	Cyrville Rd. to 150 south of Cyrville Rd.		
23	Grassy Plains Rd.	Stonehaven Dr. to Emerald Meadows Dr.		
	Below the Cut-Off Line			
15	Dovercourt Ave.	Churchill Ave. to Broadview Ave.		
4	Varley Dr.	Beaverbrook Rd. to Carr Cres. (inside)		
4	Halton Terr.	Flamborough Way to Newcastle Ave.		
23	Castlefrank Rd.	Torcastle Way to Winchester Dr.		
2	Sunview Dr.	Belcourt Blvd. to Des Epinettes Ave.		

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Project Information		Financial Details		
908276 Cycling Facilities Program		Class of Estimate:	C) Planning	
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2020	
This program is for new cycling facilities and improvements to existing facilities. Efforts include planning, design and construction, which typically require three years from start of functional design to completion. Projects are mapped on GeoOttawa (Cycling/Plan 2015-2018). The 2018 budget may also be used in part to fund the City's portion of eligible projects within the Ontario Municipal Commuter Cycling Program (OMCCP) including project management costs. These target OMCCP projects meet the program criteria and are consistent with the 2013 Ottawa Cycling Plan. Individual project scope may be adjusted to meet OMCCP project deadlines or budget limits.		2018 Request	4,000	Projected Yearend Unspent Bal. 0
		Revenues	0	Debt
		Tax Supported/ Dedicated	2,040	Tax Supported/ Dedicated Debt 0
		Rate Supported	0	Rate Supported Debt 0
		Develop. Charges	1,960	Develop. Charges Debt 0
		Gas Tax	0	Gas Tax Debt 0
		Forecast	2018	2019 2020 2021
		Authority	4,000	4,377 4,455 4,537
		Spending Plan	2,800	3,864 4,394 4,505
		FTE's	0	0 0 0
		Operating Impact	0	28 0 0

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Project Information			Location/Description	\$000's
908276 Cycling Facilities Program			Class of Estimate: C) Planning	4,000
Category: Growth		Ward: CW	Year of Completion: 2020	
This program is for new cycling facilities and improvements to existing facilities.				
8	P1-15 Woodroffe Ave. Pathway	Norice Street to Algonquin College		
18	P1-20 Pleasant Park Rd.	Neighbourhood Bikeway		
11	P1-21 Hogs Back Rd. Link to Sawmill Creek	Prince of Wales Dr. to Flannery Rd.		
18	P1-23 Riverside Dr. Link	Riverside Dr. to Rodney Cres.		
12,13	P1-25 Lowertown New Edinburgh	Neighbourhood Bikeway via Cumberland St. and Union St.		
23	P1-29 Ackerson Rd. Subdivision Pathway Link	Eagleson Rd. to Ottawa Carleton Trailway (Trans Canada Trail)		
12	P1-30 Laurier Ave.	Nicholas St. to Cumberland St.		
14,15	P1-31 Scott St. and Albert St. Corridor	Holland Ave. to Bronson Ave.		
CW	P1-32 Enhanced Paved Shoulder	Pilot Project for Rural Areas		
CW	P1-33 Citywide Enhancements & Bike Parking	Various		
	OMCCP:			
17	P2-S1 Rideau Canal Crossing Bridge	Fifth Ave. to Clegg St.		
18	P1-14 Trainyards Dr. Pathway	Industrial Ave./Trainyards Dr. to Coronation Ave.		
12	P1-30 Laurier Ave. Cycling Facility (part)	Nicholas St. to Waller Ave.		
14,15	P1-31 Scott/Albert Corridor Cycling Facility	Holland Ave. to Bronson Ave.		
8	P1-15 Woodroffe Ave. Pathway	Norice St. to Algonquin College		
17,18	P1-19 Heron Rd. Cycling Facility (part)	Data Centre Rd. to Bank St. and Alta Vista Dr. (westbound)		
13	P1-39 Donald Street	Vanier Parkway to St. Laurent Blvd.		
7	P2-5 Richmond Rd. Hwy 417 to Carling Ave	Bayshore Dr. to Dumaurier Ave. (part)		
11	P2-11 Pathway from St. Laurent Station	to Aviation Pkwy. (part) - Cyrville Station to NCC Aviation Pathway		
14	P1-13 O'Connor St. Bikeway (part)	Laurier Ave. to Wellington St.		
14	P2-13 Booth St. Cycling Facility (part)	Sir John A. MacDonald Parkway to NCC Ottawa River Pathway		
12,14	P2-16 Wellington St. Bike Tracks (part)	Mackenzie Ave. to O'Connor St. and Daly Ave.		

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Project Information			Financial Details		
908885 2018 Traffic Incident Management			Class of Estimate: D) Conceptual		
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2021		
This project is required to improve the City's response to unforeseen incidents; such as 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) is comprised of representatives from all primary municipal and provincial service providers in the National Capital region (Police, MTO, Transit, PWS, etc). TIMG meets regularly to develop traffic management strategies and assemblies, when required, to manage emergency situations. Funding for this project provides ITS with the resources needed to provide effective traffic management and travel advisory information systems. These systems communicate the impacts of incidents and major construction projects to the public.			2018 Request	400	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	80	Tax Supported/ Dedicated Debt 0
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	320	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	400	400 400 407
			Spending Plan	400	400 400 407
			FTE's	0	0 0 0
			Operating Impact	0	0 0 0

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Project Information		Financial Details		
908886 2018 New Traffic Control Devices		Class of Estimate:	C) Planning	
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2021	
Annual growth within the City impacts traffic and pedestrian conditions at affected intersections, meeting Provincial warrants for the installation of traffic control signals or pedestrian signals. For locations that meet the warrants, this program provides for the installation and related intersection modifications, variations of the Pedestrian Crossover, and/or alternate means of traffic control, such as roundabouts or unsignalized pedestrian crossing devices. The program funds the applicable portion of the data collection program; provides assessment of traffic and pedestrian volumes, versus Provincial warrants for the justification of signalization; the design of intersections where modifications are required for effective traffic operation; and any required associated supporting communication. Candidate locations are reassessed and ranked annually. Any locations above the funding cutoff line, which are found not to be supported technically or otherwise, will be discarded and replaced with candidate locations from below the cutoff. Phase 1 projects represent funding for preliminary or detailed design, and Phase 2 projects represent funding for detailed design and/or construction.		2018 Request	2,400	Projected Yearend Unspent Bal. 0
		Revenues	0	Debt
		Tax Supported/ Dedicated	480	Tax Supported/ Dedicated Debt 0
		Rate Supported	0	Rate Supported Debt 0
		Develop. Charges	1,920	Develop. Charges Debt 0
		Gas Tax	0	Gas Tax Debt 0
		Forecast	2018	2019 2020 2021
		Authority	2,400	2,400 2,400 2,443
		Spending Plan	2,400	2,400 2,400 2,443
		FTE's	0	0 0 0
		Operating Impact	0	0 0 0

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Project Information			Location/Description	\$000's
908886 2018 New Traffic Control Devices			Class of Estimate: C) Planning	2,400
Category: Growth		Ward: CW	Year of Completion: 2021	
The New Traffic Control Device Program responds to the requirement for traffic control, as per the MTO/City warrants for traffic control signals, pedestrian signals, roundabouts, and unsignalized pedestrian crossing devices (PXOs). The 2018 Project funding supports the base program, determining requirement and rank, as well as the design and installation of traffic signal/PXO plant, and supporting geometric modifications required for safe and efficient operation.				
CW	Pre-engineering	Traffic counts, warrant assessment		300
CW	Unsignalized Pedestrian Crossings	Installation of unsignalized pedestrian crossing devices (PXO)		400
21	Barnsdale Rd. at Prince of Wales Dr.	Traffic control, intersection modification, construction		1400
21	Barnsdale Rd. at Rideau Valley Dr.	Traffic control, intersection modification, study		100
10	Conroy (n&S) at Davidson	Traffic control, intersection modification, study		100
19	Milton at Navan	Traffic control, intersection modification, study		100
Cut off				
10,19,20	Anderson at Leitrim	Traffic control, intersection modification, study/design/construction		
21	Barnsdale at Rideau Valley	Traffic control, intersection modification, design/construction		
11	Blair at Claver	Pedestrian Signal, design/construction		
14	Booth at Orangeville	Traffic control, intersection modification, study/design/construction		
23	Bridgestone at Eagleson	Traffic control, intersection modification, study/design/construction		
10	Conroy (N&S) at Davidson	Traffic control, intersection modification, design/construction		
10	Conroy at Queensdale	Traffic control, intersection modification, design/construction		
10	Davidson/Whyte at Hawthorne	Traffic control, intersection modification, study/design/construction		
9	Deakin at MacFarlane	Traffic control, intersection modification, study/design/construction		
21	Eagleson at Flewellyn - Roundabout	Traffic control, intersection modification, construction		
1,19	Frank Kenny (W) and Innes - Roundabout	Traffic control, intersection modification, design/construction		
20	Hawthorne at Rideau	Traffic control, intersection modification, study/design/construction		
5	Huntmar at Richardson - Roundabout	Traffic control, intersection modification, construction		
10,22	Leitrim at River Rd.	Traffic control, intersection modification, phase 2 - design/construction		
4	March Valley at Terry Fox	Traffic control, intersection modification, study/design/construction		
19	Milton at Navan	Traffic control, intersection modification, design/construction		
23	Stonehavan at Stonemeadow	Traffic control, intersection modification, study/design/construction		

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Project Information			Financial Details						
908887 2018 Advanced Traffic management Program			Class of Estimate:		D) Conceptual				
Dept: Transportation Services Department		Category: Growth	Ward: CW		Year of Completion: 2021				
Intelligent Transportation Systems is the application of advanced and emerging technologies including computers, sensors, controls, communications, and electronic devices in transportation. These technologies save lives, time, money, energy and the environment. Smart Growth demands every available ounce of capacity must be squeezed out of our existing road network, before investing in additional road infrastructure, and while awaiting the introduction of improved mass-transit systems. This can only be done through application of relatively low-cost ITS enhancements, such as those associated with Advanced Traffic Management Systems.			2018 Request		400	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		80	Tax Supported/ Dedicated Debt		0	
			Rate Supported		0	Rate Supported Debt		0	
			Develop. Charges		320	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		400	400	400	407	
			Spending Plan		400	400	400	407	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
908890 2018 Safety Improvement Program			Class of Estimate:		D) Conceptual				
Dept: Transportation Services Department		Category: Growth	Ward: CW		Year of Completion: 2021				
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. The program undertakes roadway modifications at these locations, to help improve road safety performance of the City's transportation network.			2018 Request		1,000	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		500	Tax Supported/ Dedicated Debt		0	
			Rate Supported		0	Rate Supported Debt		0	
			Develop. Charges		500	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		1,000	1,000	1,000	1,018	
			Spending Plan		1,000	1,000	1,000	1,018	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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Project Information		Financial Details		
909055 2018 Intersection Control Measures		Class of Estimate:	C) Planning	
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2021	
The program provides for growth, related to intersection control measures, to address increased transportation demands in developing areas. Projects are entirely funded by Development Charges and Ontario Ministry of Transportation; intersection warrants must be achieved before reimbursement of works can occur. Costs are for the design and construction of the intersection, such as traffic signals, turning lanes, and roundabouts. Eligibility is restricted to major collector or arterial roadways.		2018 Request	3,500	Projected Yearend Unspent Bal. 0
		Revenues	0	Debt
		Tax Supported/ Dedicated	0	Tax Supported/ Dedicated Debt 0
		Rate Supported	0	Rate Supported Debt 0
		Develop. Charges	3,500	Develop. Charges Debt 0
		Gas Tax	0	Gas Tax Debt 0
		Forecast	2018	2019 2020 2021
		Authority	3,500	2,000 2,000 1,960
		Spending Plan	2,800	1,950 2,150 1,968
		FTE's	0	0 0 0
		Operating Impact	64	0 0 0

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Project Information			Location/Description	\$000's
909055 2018 Intersection Control Measures			Class of Estimate: C) Planning	3,500
Category: Growth		Ward: CW	Year of Completion: 2021	
The program provides growth related to intersection control measures, to address increased transportation demands in developing areas.				
23	Hope Side Road and Crownridge Drive	Design		50
23	Hope Side Road and Acceptance Place	Design		50
19	Brian Coburn Boulevard and Esprit Drive	Design		50
19	Brian Coburn Boulevard and Aquaview Drive	Implementation		300
6, 21	Stittsville Main Street and West Ridge Drive	Implementation		750
6, 23	Terry Fox Drive and Abbott Street	Implementation		950
6, 23	Terry Fox Drive and Westphalian Avenue	Implementation		600
6, 21	Fernbank Road and Robert Grant Avenue	Implementation		750
	Below the Cut-Off Line			
	Fernbank Road and Rouncey Road			
	Fernbank Road and Defense			
	Hope Side Road and Crownridge Drive			
	Hope Side Road and Charlie Rogers Way			
	Terry Fox Drive and Cope Road			
	Belcourt Road and Renaud Road			
	Bank Street and Blais Road			
	Bank Street and Findlay Creek Drive			
	Bank Street and Rotary Way			
	Leitrim Road and Kelly Farm Drive			
	Brian Coburn Boulevard and Esprit Drive			
	Brian Coburn Boulevard & Gerry Lalonde Drive			

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Project Information			Financial Details		
909059 2018 Development Sidewalks			Class of Estimate: C) Planning		
Dept: Transportation Services Department	Category: Growth	Ward: CW	Year of Completion: 2021		
Funding is required for the design and construction of sidewalk linkages, which 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 with a new development across vacant land.			2018 Request	153	Projected Yearend Unspent Bal. 0
			Revenues	0	Debt
			Tax Supported/ Dedicated	8	Tax Supported/ Dedicated Debt 0
			Rate Supported	0	Rate Supported Debt 0
			Develop. Charges	145	Develop. Charges Debt 0
			Gas Tax	0	Gas Tax Debt 0
			Forecast	2018	2019 2020 2021
			Authority	153	153 155 158
			Spending Plan	153	153 155 158
			FTE's	0	0 0 0
			Operating Impact	2	0 0 0

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Project Information			Financial Details						
909060 2018 Transportation Demand Management			Class of Estimate:		C) Planning				
Dept: Transportation Services Department		Category: Growth	Ward: CW		Year of Completion: 2021				
Transportation Demand Management (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 and public transit. TDM measures can 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. The TDM program is responsible for implementing the actions identified in Sections 8.1 and 8.2 of the Transportation Master Plan, to encourage sustainable mobility choices. Funds will be used to support ongoing and new initiatives such as cycling education; the Cycling Safety and Awareness Program; School Travel Planning; the Bike to Work campaign; the TravelWise Workplace Program; individualized marketing; the Ottawa-Gatineau Regional Cycling Map; encouraging multi-modal travel such as cycling or transit; bicycle trip-end facilities; carpool matching and carpool promotion; commuter behaviour studies and surveys; TDM related promotion, training, and workshops; and other related initiatives.			2018 Request		300	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		150	Tax Supported/ Dedicated Debt		0	
			Rate Supported		0	Rate Supported Debt		0	
			Develop. Charges		150	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		300	316	332	348	
			Spending Plan		180	310	326	342	
			FTE's		0	0	0	0	
Operating Impact		0	0	0	0				
909062 2018 Network Modification Program			Class of Estimate:		C) Planning				
Dept: Transportation Services Department		Category: Growth	Ward: CW		Year of Completion: 2021				
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.			2018 Request		3,200	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		544	Tax Supported/ Dedicated Debt		0	
			Rate Supported		0	Rate Supported Debt		0	
			Develop. Charges		2,656	Develop. Charges Debt		0	
			Gas Tax		0	Gas Tax Debt		0	
			Forecast		2018	2019	2020	2021	
			Authority		3,200	2,834	3,234	3,233	
			Spending Plan		960	2,770	2,991	3,194	
			FTE's		0	0	0	0	
Operating Impact		0	7	0	0				

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Project Information		Financial Details		
907847 2015-2018 Community Connectivity SI		Class of Estimate:	C) Planning	
Dept: Transportation Services Department	Category: Strategic Initiatives	Ward: CW	Year of Completion: 2019	
This Council Strategic Initiative pertains to enhanced cycling and pedestrian facilities in communities, with particular links to schools and recreation centers, and to improve linkages to the Confederation Line stations consistent with the objectives of the TOD, OCP and OPP plans on an accelerated schedule (i.e. within this Term of Council). Efforts include planning, design, and construction, which typically takes three years from functional design to completion of construction. Projects are also mapped on GeoOttawa (Cycling/Plan 2015-2018: "SI 9: Community Connectivity Project").		2018 Request	2,875	Projected Yearend Unspent Bal. 3,915
		Revenues	0	Debt
		Tax Supported/ Dedicated	2,875	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	2018	2019 2020 2021
		Authority	2,875	0 0 0
		Spending Plan	5,927	863 0 0
		FTE's	0	0 0 0
		Operating Impact	0	2 3 0

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Project Information			Financial Details			
907982 Cycling Safety Program SI			Class of Estimate: D) Conceptual			
Dept: Transportation Services Department	Category: Strategic Initiatives	Ward: CW	Year of Completion: 2018			
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. Locations for 2018 will be identified in Q4 2017 and Q1 2018.			2018 Request		Projected Yearend Unspent Bal.	
			Revenues	105	Debt	
			Tax Supported/ Dedicated	0	Tax Supported/ Dedicated Debt	269
			Rate Supported	105		
			Develop. Charges	0	Rate Supported Debt	0
			Gas Tax	0	Develop. Charges Debt	0
			Forecast	2018	2019	2020
			Authority	0	2021	
			Spending Plan	0		
			FTE's	0		
			Operating Impact	0		
907983 Pedestrian Safety Enhancement Prog.SI			Class of Estimate: Not Applicable			
Dept: Transportation Services Department	Category: Strategic Initiatives	Ward: CW	Year of Completion: 2018			
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. SI 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.			2018 Request		Projected Yearend Unspent Bal.	
			Revenues	380	Debt	
			Tax Supported/ Dedicated	0	Tax Supported/ Dedicated Debt	1,001
			Rate Supported	380		
			Develop. Charges	0	Rate Supported Debt	0
			Gas Tax	0	Develop. Charges Debt	0
			Forecast	2018	2019	2020
			Authority	0	2021	
			Spending Plan	0		
			FTE's	0		
			Operating Impact	0		

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Project Information			Financial Details			
907984 Traffic&Ped. Safety Enh Prog-Ward Ini.SI			Class of Estimate: Not Applicable			
Dept: Transportation Services Department	Category: Strategic Initiatives	Ward: CW	Year of Completion: 2018			
Traffic Services works collaboratively with each Ward Councilor to identify sites for the enhancement of road safety, provided through the installation of temporary traffic calming measures. Examples of treatments covered by the program include: • Speed display boards (permanent or temporary). • Painting of speed limits on the road. • Temporary traffic calming devices (flexible centreline signage). • Potential for signage indicating entering a community. • Use of planters on local streets to create chicanes. • Use of temporary posts to create bulb outs and a narrower street. 2018 locations to be identified in consultation with Ward Councilors in Q4 2017 and Q1 2018.			2018 Request	1,400	Projected Yearend Unspent Bal. 1,555	
			Revenues	0	Debt	
			Tax Supported/ Dedicated	1,400	Tax Supported/ Dedicated Debt	0
			Rate Supported	0	Rate Supported Debt	0
			Develop. Charges	0	Develop. Charges Debt	0
			Gas Tax	0	Gas Tax Debt	0
			Forecast	2018	2019	2020
			Authority	1,400	0	0
			Spending Plan	2,955	0	0
			FTE's	0	0	0
			Operating Impact	0	0	0
			2021			
908050 Safer Roads Ottawa - SI			Class of Estimate: Not Applicable			
Dept: Transportation Services Department	Category: Strategic Initiatives	Ward: CW	Year of Completion: 2018			
Safer Roads Ottawa (SRO) is a partnership between Ottawa Fire Services, Ottawa Paramedic Service, Ottawa Police Service, Ottawa Public Health, and the Transportation Services Department, 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. SI 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 existing Safer Roads Ottawa Program approved by Council in 2011.			2018 Request	420	Projected Yearend Unspent Bal. 628	
			Revenues	0	Debt	
			Tax Supported/ Dedicated	420	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	2018	2019	2020
			Authority	420	0	0
			Spending Plan	1,048	0	0
			FTE's	0	0	0
			Operating Impact	0	0	0
			2021			

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908888 2018 Audible Signals			Class of Estimate:		Not Applicable					
Dept: Transportation Services Department		Category: Strategic Initiatives	Ward: CW		Year of Completion: 2020					
Currently there are 1,162 traffic control signals in Ottawa: 890 locations are equipped with accessible pedestrian signal features. Staff currently equip all new traffic control signals and those undergoing major rehabilitation with accessible features, irrespective of whether a specific request has been received for the devices or not. The costs in these cases are absorbed within the associated capital project. This annual accessible signal program also funds the retrofit of existing traffic control signals with accessible pedestrian devices, at locations specifically requested by visually impaired pedestrians or through the CNIB. This program was created out of Council direction from Report ACS2009-CCV-AAC-0002.			2018 Request		300	Projected Yearend Unspent Bal.				0
			Revenues		0	Debt				
			Tax Supported/ Dedicated		240	Tax Supported/ Dedicated Debt		0		
			Rate Supported		0	Rate Supported Debt		0		
			Develop. Charges		60	Develop. Charges Debt		0		
			Gas Tax		0	Gas Tax Debt		0		
			Forecast		2018	2019	2020	2021		
			Authority		300	0	0	0		
			Spending Plan		300	0	0	0		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		
908889 2018 Pedestrian Countdown Signals			Class of Estimate:		Not Applicable					
Dept: Transportation Services Department		Category: Strategic Initiatives	Ward: CW		Year of Completion: 2020					
This is a multi-year program intended to retrofit existing traffic signals with pedestrian countdown signals. These pedestrian signals have been found to improve pedestrian safety and provide additional information to pedestrians regarding the available crossing time.			2018 Request		300	Projected Yearend Unspent Bal.				0
			Revenues		0	Debt				
			Tax Supported/ Dedicated		300	Tax Supported/ Dedicated Debt		0		
			Rate Supported		0	Rate Supported Debt		0		
			Develop. Charges		0	Develop. Charges Debt		0		
			Gas Tax		0	Gas Tax Debt		0		
			Forecast		2018	2019	2020	2021		
			Authority		300	0	0	0		
			Spending Plan		300	0	0	0		
			FTE's		0	0	0	0		
			Operating Impact		0	0	0	0		

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Project Information			Financial Details						
909044 2018 Barrhaven Rail Safety Program			Class of Estimate:		Not Applicable				
Dept: Transportation Services Department		Category: Strategic Initiatives	Ward: 3,9		Year of Completion: 2020				
This new program addresses the safety concerns regarding several roads, the Southwest Transitway, and multi-use pathways, as they encounter at-grade crossings with the VIA Rail line in Barrhaven and at Merivale Road. The first priority for these funds is to undertake environmental assessment studies for grade separation crossings at the following locations: Woodroffe Avenue, the Southwest Transitway, and Fallowfield Road; and at the multi-use pathway which runs along Jockvale Road. This program may also examine other grade separation issues and potential solutions in the Barrhaven area.			2018 Request		3,500	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		3,500	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		2018	2019	2020	2021	
			Authority		3,500	0	0	0	
			Spending Plan		2,100	1,400	0	0	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	
909057 2018 Active Transportation Missing Links Studies			Class of Estimate:		Not Applicable				
Dept: Transportation Services Department		Category: Strategic Initiatives	Ward: CW		Year of Completion: 2021				
This account is for the planning and design of pedestrian and cycling linkages in the active transportation network, as identified in the 2013 Transportation Master Plan, the Ottawa Pedestrian Plan, the Ottawa Cycling Plan, in various Community Design Plans, other policy documents, or identified based on community need. These projects may include clarifying facility type, examining route options, identifying constraints, confirming feasibility, undertaking functional planning and detailed design, and estimating costs for individual projects.			2018 Request		180	Projected Yearend Unspent Bal.			0
			Revenues		0	Debt			
			Tax Supported/ Dedicated		180	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		2018	2019	2020	2021	
			Authority		180	193	197	211	
			Spending Plan		90	187	195	204	
			FTE's		0	0	0	0	
			Operating Impact		0	0	0	0	

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Project Information			Financial Details								
909058 Scott St Restoral (Post-LRT)			Class of Estimate: C) Planning								
Dept: Transportation Services Department		Category: Strategic Initiatives	Ward: 15		Year of Completion: 2021						
This project will add features along Scott Street to enhance the pedestrian, cycling, and transit environments after the Transitway detour is removed in 2018. The features may include transit passenger landing platforms, segregation for on-road cycling facilities, protected intersections, pavement markings, and other measures. The current roadway width along Scott Street will not be significantly altered east of Holland Avenue, though temporary lane reductions may be implemented as part of this project.			2018 Request		1,100		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		100		Tax Supported/ Dedicated Debt		1,000		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2018		2019		2020		2021
			Authority		1,100		2,500		0		0
			Spending Plan		1,100		2,500		0		0
			FTE's		0		0		0		0
Operating Impact		0		0		0		0			
909063 2018 TMIP Richmond Rd/Westboro			Class of Estimate: C) Planning								
Dept: Transportation Services Department		Category: Strategic Initiatives	Ward: 7,15		Year of Completion: 2021						
The Transportation Management Implementation Plan (TMIP) for Richmond Road/Westboro identifies transportation initiatives, which support intensification, scheduled for implementation over the next decade to reduce auto dependence and increase transit use, cycling, and walking. The TMIP covers the broader Richmond Road corridor from Island Park in the east to Lincoln Fields in the west, and from the Ottawa River in the north to Carling Avenue in the south. Implementation projects may include new bus shelters, new sidewalks and multi- use pathways, bicycle facilities with bike parking, and individual travel planning efforts.			2018 Request		500		Projected Yearend Unspent Bal.		0		
			Revenues		0		Debt				
			Tax Supported/ Dedicated		500		Tax Supported/ Dedicated Debt		0		
			Rate Supported		0		Rate Supported Debt		0		
			Develop. Charges		0		Develop. Charges Debt		0		
			Gas Tax		0		Gas Tax Debt		0		
			Forecast		2018		2019		2020		2021
			Authority		500		509		207		211
			Spending Plan		250		505		358		209
			FTE's		0		0		0		0
Operating Impact		0		0		0		0			

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Projects by Service Area and Category	2018	2019	2020	2021	Total
Fleet Services					
Renewal of City Assets					
908867 Lifecycle Renewal Fleet	24,000	16,150	15,923	15,057	71,130
908868 Municipal Fleet UpFits, Facilities&Tools	175	100	100	100	475
Renewal of City Assets Total	24,175	16,250	16,023	15,157	71,605
Growth					
909129 Expansion of Municipal Garage at Trim	250	-	-	-	250
Growth Total	250	-	-	-	250
Fleet Services Total	24,425	16,250	16,023	15,157	71,855
Integrated Roads, Water & Wastewater					
Renewal of City Assets					
906056 Albert St / Scott St	800	-	-	-	800
906735 Bank St (Riverside-Belanger)	-	16,555	32,945	-	49,500
906875 Aylmer - Fulton - Carlyle - Rosedale	10,400	-	-	-	10,400
906882 Elgin (Lisgar - Isabella)	30,100	-	-	-	30,100
906884 Glengarry-Onslow-Beckwith-Belgrade	9,500	-	-	-	9,500
906900 Concord - Echo - Greenfield	-	25,200	-	-	25,200
907322 Carling Ave (Churchill-Kirkwood)	-	-	1,580	-	1,580
908137 CWWF Hillard-Millbrk-Deerpk-Farlane-Wall	-	17,300	-	-	17,300
908138 CWWF Avenue P-Q-R-S-T-U	-	-	10,200	-	10,200
908139 Montreal Rd (N River Rd-St Laurent)	-	18,250	-	-	18,250
908140 Carling (Bronson - Trillium Li	-	-	-	25,040	25,040
908141 ORAP Albert St-Slater-Bronson	-	-	19,300	-	19,300
908142 CWWF McLeod - Florence	-	-	6,600	-	6,600
908370 Project Information Management Systems	500	-	-	-	500
908487 Scoping Pre/Post Engineering	-	-	600	600	1,200
908567 Alta Vista - Summit	50	2,100	-	-	2,150
908568 Ashburn-Hogan-Wigan	-	-	10,100	-	10,100
908569 Borthwick-Quebec-Gardenvale	-	6,700	-	-	6,700
908570 Byron-Highcroft-Athlone	-	1,400	-	-	1,400
908571 Catherine St (Bronson-Elgin)	200	7,740	-	-	7,940

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908572 Fairbairn-Bellwood-Willard-Belmont	-	5,200	-	-	5,200
908573 Gibson-Denver-Tampa-Orlando	-	3,900	-	-	3,900
908574 Grove Ave	-	600	-	-	600
908575 Isabella-Chamberlain	50	2,200	-	-	2,250
908576 Larkin-Larose-Lepage	-	2,900	-	-	2,900
908577 Mailes Ave (Patricia-Oakdale)	-	1,300	-	-	1,300
908578 Ryder - Featherston	-	800	-	-	800
908582 N River Rd (Montreal-Dead EndNof Coupal)	-	-	2,950	-	2,950
908645 St Denis - Lavergne	-	8,600	-	-	8,600
908646 Integrated Program - Bulk Proj	-	-	42,463	128,279	170,742
908835 Range-Mann-Russell	-	7,500	-	-	7,500
908916 2018 Surveys & Mapping	270	320	360	320	1,270
908940 2018 Infrastructure Assess & Data Collec	2,500	1,990	2,500	2,500	9,490
908941 2018 Scoping Pre/Post Engineering	590	760	1,000	1,000	3,350
908949 2018 Road Resurfacing - CW	39,246	34,700	39,553	41,345	154,844
908998 LRT2 R2 Hwy 174 Resurfacing EBL	108	723	1,446	723	3,000
909021 Woodroffe Ave (Saville-Richmond)	-	-	-	1,300	1,300
909041 Dow's Lake Rd / Kippewa Dr	-	-	900	-	900
909156 Wastewater LRFP V Recovery	-	(14,700)	-	-	(14,700)
909157 Integrated Water & WW LRFP V Recovery	-	(72,232)	(36,000)	(36,000)	(144,232)
Renewal of City Assets Total	94,314	79,806	136,497	165,107	475,724
Growth					
909050 Fleet Growth - ROWHUD	90	-	-	-	90
Growth Total	90	-	-	-	90
Strategic Initiatives					
908918 2018 Public Realm Interventions	465	550	440	440	1,895
Strategic Initiatives Total	465	550	440	440	1,895
Integrated Roads, Water & Wastewater Total	94,869	80,356	136,937	165,547	477,709
Transit Services					
Renewal of City Assets					
908552 2019 Origin Destination Survey (Transit)	-	438	-	-	438

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908751 2018 Transportation Master Plan	700	713	725	739	2,877
Renewal of City Assets Total	700	1,151	725	739	3,315
Growth					
907436 Baseline Rd BRT (Baseline Stn-Heron Stn)	-	25,040	114,220	-	139,260
908770 2018 TMP Transit Priority Network	4,000	8,270	-	-	12,270
909064 2018 Transit Corridor Protection	1,700	1,731	1,761	1,794	6,986
909065 2018 Park and Ride Facilities	1,600	1,629	1,658	1,688	6,575
909067 2018 Rapid Transit EA Studies	1,000	1,018	1,036	1,055	4,109
Growth Total	8,300	37,688	118,675	4,537	169,200
Transit Services Total	9,000	38,839	119,400	5,276	172,515
Transportation Services					
Renewal of City Assets					
905049 RWIS Infrastructure Renewal	-	150	-	-	150
905530 Bridges & BCulverts Stand Alone	-	580	701	-	1,281
906139 LCR - On/Off Street Payment Systems 2018	-	-	-	1,400	1,400
907019 Harmer Ave Ped Bridge over Hwy 417	11,730	-	-	-	11,730
907324 St Patrick St Bridge [013320]	-	-	650	6,340	6,990
908403 On & Off Street Parking Sys P3 Cap Pymt	500	1,783	1,783	1,283	5,349
908553 Albert/Slater/Mackenzie (Empress-Waller)	500	2,545	2,106	1,291	6,442
908583 Bank St Sawmill Crk [057470]	70	520	-	-	590
908584 AirportPkwy NB WalkleyRamp Twin Bculvert	130	940	-	-	1,070
908585 Airport Pkwy U/P CNR [055240]	-	-	110	730	840
908587 Bank St Canal Bridge [012010]	100	740	-	-	840
908588 Beechfern Pk Ped [751090]	-	-	110	330	440
908589 Belfast Rd O/P VIA Rail [055980]	-	210	2,560	-	2,770
908592 Emerald Meadow Dr [113100(1-4)]	-	-	200	1,670	1,870
908593 Flewellyn Road Bridge SN 757260	-	110	340	-	450
908597 McKenzie King Bridge [012200-1]	80	2,040	8,810	-	10,930
908598 Milton Rd Bridge [893100]	-	-	160	1,100	1,260
908600 Old Railway RR Ped [018600]	-	-	330	2,760	3,090
908606 Sweetnam Rd BCulvert [757280]	-	-	80	680	760

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908607 Transcanada Trail Ped [115020]	150	1,000	-	-	1,150
908608 Walkley Rd O/P [056640]	-	-	230	1,880	2,110
908877 2018 Street Lighting Major Replacements	2,710	2,800	2,800	2,850	11,160
908878 2018 LCR Traffic Control Signals	1,581	1,568	1,618	1,647	6,414
908879 2018 LCR Traffic Monitoring System	400	400	400	407	1,607
908928 2018 Buildings-Road Services	1,235	800	800	800	3,635
908947 2018 Preservation Treatments	4,471	4,550	5,800	5,900	20,721
908950 2018 Minor Structural Rehab	100	100	100	100	400
908951 2018 Noise Barriers	200	200	200	200	800
908952 2018 Retaining Walls	200	200	200	200	800
908953 2018 Structures - Site-Specific	420	500	500	500	1,920
908954 2018 Scoping Pre/Post Bridges & Cul	500	500	500	500	2,000
908955 Airport Parkway O/P [226010]	-	-	-	310	310
908956 Booth St Bridge [017030]	400	1,730	-	-	2,130
908957 Jockvale Bridge [113030]	150	1,020	-	-	1,170
908959 Pooley's Ped Bridge [017240]	350	1,370	-	-	1,720
908962 Hazeldean Rd Bridges [753210-11]	-	50	340	-	390
908963 Jonathan Pack [757360]	-	50	250	-	300
908966 Ages Dr Bridge [057620]	-	-	40	800	840
908968 Prescott Russell BCulvert [225520]	-	-	50	180	230
908977 2018 Sidewalk & Pathway renewal	2,375	2,875	3,850	8,250	17,350
908999 LRT2 S1 Hwy 174 Montreal Rd	807	2,548	5,097	2,548	11,000
909010 2018 Ice & Snow Control Technologies	140	145	150	155	590
909015 LRT2 S2 Hwy 174 Green's Creek	402	1,900	3,799	1,899	8,000
909016 LRT2 S3 Hwy 174 Jeanne D'Arc	144	339	678	339	1,500
909024 2018 Life Cycle Renew - PWES Works Yard	140	290	310	318	1,058
909049 Roads Equipment Replacement	150	-	-	-	150
909056 2018 Pedestrian Access-Intersection & Ra	200	200	200	200	800
909061 2018 Area Traffic Management	690	723	756	791	2,960
909121 LCR - Parking Facilities (2018)	1,775	475	1,250	750	4,250
909122 On-Street Facility Modification (2018)	150	150	150	155	605
909123 Parking Studies - DC (2018)	50	50	50	50	200

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Projects by Service Area and Category	2018	2019	2020	2021	Total
909124 Pathway Lighting (uOttawa - Hurdman Sta)	1,500	-	-	-	1,500
Renewal of City Assets Total	34,500	36,151	48,058	49,313	168,022
Growth					
903178 Longfields Dr.(Cambrian-Prince of Wales)	2,000	-	-	-	2,000
904911 2019 EA Studies Arterial Rds	-	1,222	1,243	1,372	3,837
904995 Earl Grey/Centrum Underpass	-	-	-	2,720	2,720
906920 Kanata South Link (Hope Side to Hwy 416)	24,000	-	-	-	24,000
907405 Strandherd Dr Ph2(Maravista to Jockvale)	1,000	27,000	26,566	14,240	68,806
907902 2018 Origin Destination (Roads)	-	865	-	-	865
908275 Pedestrian Facilities Program	1,500	1,639	1,668	1,699	6,506
908276 Cycling Facilities Program	4,000	4,377	4,455	4,537	17,369
908559 2020 Cycling & Ped Major Structures Prog	-	-	1,839	2,374	4,213
908885 2018 Traffic Incident Management	400	400	400	407	1,607
908886 2018 New Traffic Control Devices	2,400	2,400	2,400	2,443	9,643
908887 2018 Advanced Traffic management Program	400	400	400	407	1,607
908890 2018 Safety Improvement Program	1,000	1,000	1,000	1,018	4,018
909025 2018 Winter Materials Storage Facility	-	340	420	431	1,191
909055 2018 Intersection Control Measures	3,500	2,000	2,000	1,960	9,460
909059 2018 Development Sidewalks	153	153	155	158	619
909060 2018 Transportation Demand Management	300	316	332	348	1,296
909062 2018 Network Modification Program	3,200	2,834	3,234	3,233	12,501
Growth Total	43,853	44,946	46,112	37,347	172,258
Strategic Initiatives					
907847 2015-2018 Community Connectivity SI	2,875	-	-	-	2,875
907982 Cycling Safety Program SI	105	-	-	-	105
907983 Pedestrian Safety Enhancement Prog.SI	380	-	-	-	380
907984 Traffic&Ped. Safety Enh Prog-Ward Ini.SI	1,400	-	-	-	1,400
908050 Safer Roads Ottawa - SI	420	-	-	-	420
908248 Goulbourn Forced Rd/Second Line Realign.	-	-	-	7,913	7,913
908888 2018 Audible Signals	300	-	-	-	300
908889 2018 Pedestrian Countdown Signals	300	-	-	-	300
909044 2018 Barrhaven Rail Safety Program	3,500	-	-	-	3,500

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Projects by Service Area and Category	2018	2019	2020	2021	Total
909057 2018 Active Transportation Missing Links	180	193	197	211	781
909058 Scott St Restoral (Post-LRT)	1,100	2,500	-	-	3,600
909063 2018 TMIP Richmond Rd/Westboro	500	509	207	211	1,427
909070 Transportation Planning Studies - non DC	-	-	-	1,500	1,500
Strategic Initiatives Total	11,060	3,202	404	9,835	24,501
Transportation Services Total	89,413	84,299	94,574	96,495	364,781
Grand Total	217,707	219,744	366,934	282,475	1,086,860

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Project Description	Total Authority	Total Expenditures as of August 31, 2017	Unspent Cash Balance as of August 31, 2017	Total Contractual Obligation	Unspent/ Uncommitted Balance as of August 31, 2017
City Manager's Office					
Renewal of City Assets					
908366 Ottawa On The Move Communications	1,500	1,111	389	20	369
Renewal of City Assets Total	1,500	1,111	389	20	369
City Manager's Office Total	1,500	1,111	389	20	369
Fleet Services					
Renewal of City Assets					
906816 2013 Lifecycle Renewal Fleet-Transportn	10,386	10,356	30	30	(0)
907962 Fleet Business Process Improvements	776	584	192	27	165
908058 Lifecycle Renewal Fleet - General	263	44	219	-	219
908063 Municipal Fleet UpFits, Facilities&Tools	208	58	150	217	(67)
Renewal of City Assets Total	11,633	11,042	590	274	317
Fleet Services Total	11,633	11,042	590	274	317
Integrated Roads, Water & Wast					
Renewal of City Assets					
904085 O-OTM Bank St(Queensway to Rideau Canal)	26,076	23,728	2,348	488	1,860
904891 Hwy 417 Water TransMain - Carling	32,326	30,225	2,101	180	1,921
904895 ORAP-Rockcliffe West	9,030	8,289	741	734	7
905553 West-end Flood Mitigation	38,768	38,108	659	228	432
905581 O-OTM Carling Ave(Bronson-Trillium Line)	1,400	878	522	214	308
905600 O-OTM ORAP-Rockcliffe West II	7,520	7,179	341	227	114
906003 O-OTM ORAP-Sussex (St Patrick-Bolton)	15,090	13,968	1,122	684	438
906050 O-OTM ORAP-Rideau (Chapel-Rideau River)	14,865	14,929	(64)	11	(76)
906051 O-OTM Sussex (Bolton-King Edward)	15,330	12,550	2,780	183	2,598
906053 O-OTM ORAP-Willingdon/Park Rd/Minto Pl	7,470	6,381	1,089	705	384
906056 Albert St / Scott St	9,461	5,699	3,762	270	3,492
906457 O-OTM Bronson Ave (Laurier-Arlington)	29,722	25,597	4,125	2,393	1,732
906578 O-OTM Churchill Ave (Duncairn-Byron)	12,250	11,051	1,199	732	467
906579 O-OTM Main St (Echo-Springhurst)	26,945	19,880	7,065	3,854	3,211
906586 O-OTM Bronson (Canal-Carling)	2,000	707	1,293	317	976
906635 O-OTM Hurdman-St-Laurent WM Relocate	34,464	23,742	10,722	324	10,398

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Project Description	Total Authority	Total Expenditures as of August 31, 2017	Unspent Cash Balance as of August 31, 2017	Total Contractual Obligation	Unspent/ Uncommitted Balance as of August 31, 2017
906735 Bank St (Riverside-Belanger)	6,392	234	6,158	52	6,105
906737 Queen St (Bronson-Elgin)	5,349	4,464	885	1	884
906875 Aylmer - Fulton - Carlyle - Rosedale	1,232	345	887	299	588
906876 O-OTM Banning -Abbotsford-Balbair-Singal	5,673	4,242	1,431	832	598
906878 O-OTM Broadway - Craig - Ralph	5,663	3,908	1,755	436	1,319
906879 Columbus (Sharp - Lola)	4,055	2,955	1,100	228	873
906880 O-OTM Deer Park - Higwood	5,635	4,274	1,361	430	931
906881 Denison - Ernest - Broadview	4,816	3,698	1,119	560	558
906882 Elgin (Lisgar - Isabella)	6,223	1,473	4,750	1,868	2,882
906883 O-OTM First Ave (Bronson-O'Connor)	8,417	4,908	3,510	-	3,510
906884 Glengarry-Onslow-Beckwith-Belgrade	1,100	331	769	203	566
906887 ORAP-Irvng-Laurentan-Carling-LynwodOkvale	7,739	3,827	3,912	636	3,276
906890 CWWF Lavergne-Joliet-Ste Cecile	22,265	3,695	18,570	13,115	5,455
906891 O-OTM Princeton - Tilbury - Edison	9,758	7,440	2,317	1,712	605
906892 Renfrew (Bronson - Dead End)	6,047	2,085	3,961	2,686	1,275
906893 O-OTM Rex - Kerr	5,157	3,224	1,933	760	1,173
906894 O-OTM Rideau Valley(Rogers Stevens-Brdg)	4,252	3,561	691	204	487
906895 O-OTM Sherry Lane - Brent	4,540	3,212	1,328	199	1,129
906900 Concord - Echo - Greenfield	1,630	162	1,468	172	1,296
906901 CWWF ORAP - Loretta Ave N & S	10,335	1,138	9,197	5,013	4,184
906902 ORAP MacFarlane, Orrin, & Reid Ave	2,445	1,382	1,063	223	841
907120 Infrastructure Assessment & Data Collect	1,730	1,321	409	366	43
907122 R-O-W / Easement Adjustments	395	111	284	5	279
907322 Carling Ave (Churchill-Kirkwood)	1,900	43	1,857	-	1,857
907745 Infrastructure Assessment & Data Collect	4,020	2,949	1,071	833	237
907746 Scoping Pre/Post Engineering	593	483	110	19	91
907779 ORAP-Ossington-Southern-Osborne	6,542	3,559	2,983	654	2,330
907780 Leroy-Lion-R Dowd	1,024	941	83	81	2
907781 Lakeview Terrace (Bronson-QE Driveway)	1,887	1,338	549	486	62
907782 River Lane (Keefer-Dufferin)	1,829	1,180	649	181	467
907783 Cartier - Gilmour	8,930	7,210	1,720	1,545	175
907784 CWWF Cody-Mance-Levis-Cyr-Kendall-Savard	10,037	1,402	8,635	4,168	4,467
907785 Lyman St - Mulvihill Ave	1,875	1,483	392	223	170

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Project Description	Total Authority	Total Expenditures as of August 31, 2017	Unspent Cash Balance as of August 31, 2017	Total Contractual Obligation	Unspent/ Uncommitted Balance as of August 31, 2017
907786 Spencer St (Holland-Western)	4,207	3,550	657	650	7
907787 Prince of Wales - Dynes	23,794	2,384	21,410	15,307	6,104
907788 McLeod St - Lyon St	6,862	3,888	2,974	967	2,006
907789 Cathcart St (Sussex-Dalhousie)	1,380	1,364	16	6	10
907790 McRae Ave (Richmond-Scott)	2,942	2,156	786	89	697
907852 ORAP St Francis St - Edgar St	3,317	2,248	1,069	0	1,069
907915 ORAP-Farnham - Bedford	2,721	1,433	1,288	310	977
907954 Manotick Pump Station Overflow	535	-	535	296	239
908127 2016 Infrastructure Assess. & Data Coll.	2,980	790	2,190	816	1,374
908128 2016 Scoping Pre/Post Engineering	599	227	372	28	344
908129 2016 R-O-W / Easement Adjustments	400	-	400	-	400
908130 2016 Surveys & Mapping	300	175	125	105	20
908131 Newmarket (Michael-East Dead End)	1,690	1,069	621	59	562
908132 Navaho-Albany-Sherman-Cline	5,830	3,190	2,640	1,125	1,515
908133 Crystal Beach Drive	6,240	4,126	2,114	1,672	442
908134 Iona - Broadhead	6,865	440	6,425	4,626	1,799
908135 Halifax Dr (Canterbury Ave-Walkley Rd)	435	-	435	-	435
908136 Kinburn SideRd(Donald BMunro-500mELogger	4,780	19	4,761	3,592	1,169
908137 CWWF Hillard-Millbrk-Deerpk-Farlane-Wall	1,450	24	1,426	-	1,426
908138 CWWF Avenue P-Q-R-S-T-U	1,250	12	1,238	75	1,163
908141 ORAP Albert St-Slater-Bronson	2,000	123	1,877	6	1,871
908142 CWWF McLeod - Florence	770	172	598	212	386
908370 Project Information Management Systems	5,579	1,570	4,009	1,992	2,017
908480 2017 Infrastructure Assess & Data Coll	2,500	53	2,447	189	2,258
908481 2017 R-O-W / Easement Adjustments	400	0	400	-	400
908482 2017 Scoping Pre/Post Engineering	1,000	213	787	137	650
908483 2017 Surveys & Mapping	360	1	359	0	359
908568 Ashburn-Hogan-Wigan	1,200	22	1,178	62	1,116
908569 Borthwick-Quebec-Gardenvale	600	12	588	275	313
908572 Fairbairn-Bellwood-Willard-Belmont	730	78	652	291	360
908573 Gibson-Denver-Tampa-Orlando	550	18	532	60	471
908577 Mailes Ave (Patricia-Oakdale)	300	12	288	251	37
908582 N River Rd (Montreal-Dead EndNof Coupal)	460	-	460	-	460

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Project Description	Total Authority	Total Expenditures as of August 31, 2017	Unspent Cash Balance as of August 31, 2017	Total Contractual Obligation	Unspent/ Uncommitted Balance as of August 31, 2017
908645 St Denis - Lavergne	910	6	904	-	904
908672 PTIF-Richmond Rd-Sidewalk Reconstruct-43	1,750	379	1,371	845	526
908835 Range-Mann-Russell	930	8	922	48	874
Renewal of City Assets Total	550,815	355,249	195,566	83,826	111,740
Strategic Initiatives					
906531 Comprehensive Asset Management	1,130	548	582	87	495
908297 Leadership in Asset Management Program	240	12	228	25	202
Strategic Initiatives Total	1,370	560	810	112	698
Integrated Roads, Water & Wast Total	552,185	355,809	196,376	83,938	112,438
Integrated Water & Wastewater					
Renewal of City Assets					
908576 Larkin-Larose-Lepage	700	8	692	44	647
Renewal of City Assets Total	700	8	692	44	647
Integrated Water & Wastewater Total	700	8	692	44	647
Parks, Recreation & Culture					
Renewal of City Assets					
908310 O-OTM EW Bikeway-Beechwood/Hemlock	480	269	211	31	180
Renewal of City Assets Total	480	269	211	31	180
Parks, Recreation & Culture Total	480	269	211	31	180
Planning & Development					
Growth					
908528 2017 Intersection Control Measures	3,600	86	3,514	281	3,234
Growth Total	3,600	86	3,514	281	3,234
Planning & Development Total	3,600	86	3,514	281	3,234
Transit Services					
Renewal of City Assets					
906514 Transit Priority Corridor 2012	1,400	1,138	262	47	215
906515 Transit Priority Measures 2012	1,600	1,309	291	215	76
906935 2013 Transportation Master Plan	597	545	52	17	35

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Project Description	Total Authority	Total Expenditures as of August 31, 2017	Unspent Cash Balance as of August 31, 2017	Total Contractual Obligation	Unspent/ Uncommitted Balance as of August 31, 2017
907366 Transit-priority Road and Signal Project	4,000	3,360	640	23	617
907435 2014 Transportation Master Plan	578	489	89	89	(0)
907478 Tunney's Pasture Bus Staging Area	4,270	1,563	2,707	54	2,652
907860 2015 Transportation Master Plan	620	123	497	29	468
908240 2016 Transportation Master Plan	200	0	200	-	200
908383 Bridge Latent Defects	2,700	2,088	612	-	612
908551 2017 Transportation Master Plan	700	4	696	121	575
Renewal of City Assets Total	16,665	10,620	6,045	595	5,450
Growth					
903274 West Transitway (Pinecrest to Bayshore)	45,100	42,068	3,032	162	2,870
904481 West Twy Corridor (Terry Fox - Eagleson)	3,500	1,569	1,931	1,935	(4)
904482 Western Transitway (Bayshore-Moodie)	50,288	27,510	22,779	11,765	11,013
904683 SW Transitway (Baseline to Norice)	25,350	24,733	617	291	326
904688 West Transitway (SW Twy to Pinecrest)	5,369	3,069	2,300	16	2,283
905184 Rapid Transit EA Studies 2009	7,500	6,646	854	571	283
905380 West Twy - Terry Fox Underpass	3,000	60	2,940	-	2,940
905435 2010 Rapid Transit EA Studies	2,381	1,870	511	506	6
905604 Hunt Club Pedestrian Overpass South Keys	10,150	10,574	(424)	188	(612)
905995 2013 Rapid Transit EA Studies	1,000	821	179	179	-
906558 2012 TRANS Projects	1,329	476	854	150	704
906567 2012 TMP Supplemental Transit Network	1,016	130	886	293	593
906569 SouthWest Twy (Baseline to Norice)	33,333	1,151	32,182	114	32,067
906936 2017 to 2022 TRANS Projects	1,220	-	1,220	477	743
906948 Transit Priorities	7,000	6,402	598	126	472
907065 2014 TMP Supplemental Transit Network	2,070	79	1,991	398	1,594
907202 Corktown Bridge Ramp	168	-	168	-	168
907432 2014 Park and Ride Facilities	1,468	379	1,089	10	1,079
907433 2014 Rapid Transit EA Studies	2,981	2,567	414	369	45
907434 2014 Transit Corridor Protection	2,070	0	2,070	-	2,070
907436 Baseline Transit Corr(Baseline-HeronStn)	6,000	-	6,000	-	6,000
907837 2015 Rapid Transit EA Studies	500	25	475	17	458
907838 2015 Transit Corridor Protection	2,140	-	2,140	-	2,140
907839 2015 Park and Ride Facilities	1,340	-	1,340	-	1,340

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Project Description	Total Authority	Total Expenditures as of August 31, 2017	Unspent Cash Balance as of August 31, 2017	Total Contractual Obligation	Unspent/ Uncommitted Balance as of August 31, 2017
908238 2016 Park and Ride Facilities	2,240	1	2,239	-	2,239
908239 2016 Transit Corridor Protection	5,240	-	5,240	-	5,240
908241 2016 Rapid Transit EA Studies	500	238	262	43	219
908357 Innovation Park & Ride	6,980	4,677	2,304	153	2,150
908358 Chapel Hill Park & Ride	7,491	1,818	5,673	1,085	4,588
908549 2017 Park and Ride Facilities	1,600	-	1,600	-	1,600
908550 2017 Transit Corridor Protection	1,700	-	1,700	-	1,700
908554 2017 Rapid Transit EA Studies	2,500	-	2,500	-	2,500
908564 2017 TMP Transit Priority Network	1,500	-	1,500	-	1,500
908665 PTIF-Baseline Trt Corr-Bayshore-Billings	12,000	67	11,933	3,602	8,331
908666 PTIF-Chapman Mills Beatrice-Longfields36	3,000	336	2,664	2,342	322
908667 PTIF-Kanata LRT Extension - Env Assess29	3,000	5	2,995	1,772	1,223
Growth Total	264,024	137,270	126,754	26,563	100,191
Strategic Initiatives					
907801 Queen Street Streetscaping	20,000	8,600	11,400	1,870	9,530
Strategic Initiatives Total	20,000	8,600	11,400	1,870	9,530
Transit Services Total	300,689	156,490	144,200	29,028	115,171
Transportation Services					
Renewal of City Assets					
905006 Integrated Street Furniture	218	203	15	-	15
905049 RWIS Infrastructure Renewal	48	29	18	-	18
905414 2015 Area Traffic Management	950	874	76	72	4
905642 Mackenzie King Bridge	1,270	1,314	(44)	59	(103)
905923 Kanata Ave (Lord Byng to Campeau)	200	197	3	1	2
905926 2015 Pedestrian Missing Links Studies	219	105	113	89	24
905931 2017 Area Traffic Management	670	12	658	148	510
906128 Lifecycle Renew - PWES Works Yard Facil.	170	-	170	-	170
906140 On & Off Street Parking Sys P3 Cap Pymt	1,783	-	1,783	-	1,783
906427 North Service Rd Sidewalk	1,613	1,269	345	133	212
906592 O-OTM Prince of Wales O/P Nepean Crk	6,664	5,000	1,664	1,503	161
906593 O-OTM Minto Bridges Phase 2	11,888	10,096	1,792	1,040	752
906760 O-OTM Champagne/ Trillium Line Corridor	3,056	3,046	10	-	10

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Project Description	Total Authority	Total Expenditures as of August 31, 2017	Unspent Cash Balance as of August 31, 2017	Total Contractual Obligation	Unspent/ Uncommitted Balance as of August 31, 2017
906768 OR 174 Widenning EA Study	1,000	201	799	-	799
906808 2013 New Parking Facilities - Glebe	9,164	7,791	1,373	956	417
906873 Airport Parkway O/P Uplands Dr SN226010	510	135	375	3	372
907019 Harmer Ave Ped Bridge over Hwy 417	1,610	691	919	673	246
907031 Porters Island Bridge SN013250	2,355	21	2,334	269	2,065
907039 Walkley Rd Sawmill Crk Bclvrt SN058200	850	725	125	48	77
907205 Sparks & Memorial Park Wall	110	101	9	9	0
907249 Lifecycle Renewal Fleet - Transportation	10,385	10,278	107	107	0
907262 2014 Street Lighting Major Replacements	2,351	2,104	247	241	7
907276 2014 LCR Parking Facility Improvements	250	31	219	2	217
907289 Buildings-Road Services	712	678	33	29	4
907323 Greenboro Area - Road Rehabilitation	1,013	945	68	68	0
907340 Nicholas St Bridge	1,172	693	479	128	351
907530 O-OTM O'Connor St Cycling Facility Study	436	433	3	-	3
907531 Glebe Neighbourhood Bikeway	610	270	340	-	340
907532 Beechwood Cycling Facility	80	27	53	54	(1)
907660 Greenboro-Hunt Club NH Bikeway	190	68	122	5	118
907703 2015 Street Lighting Major Replacements	2,400	2,008	392	215	177
907704 McIlraith Bridge Rehabilitation	16,762	13,901	2,861	1,698	1,163
907706 2015 Lifecycle Renewal - Traffic Monitor	350	310	40	0	40
907740 Buildings-Road Services	670	580	90	32	58
907751 Road Resurfacing - CW	17,345	16,080	1,265	1,234	31
907752 2016 Resurfacing - Site Specific	200	108	92	-	92
907753 Preservation Treatments	2,000	1,839	161	71	89
907755 Scoping Pre/Post Bridges & BCulverts	785	768	17	6	11
907756 Structures - Site-Specific	248	236	11	4	7
907757 Retaining Walls	265	196	69	23	46
907758 Noise Barriers	-	-	-	-	-
907764 Sidewalk & Curb Rehabilitation	780	659	121	84	36
907796 Cyrville Road Cycling Facility	150	91	59	-	59
907849 Gerald Street Pathway	276	3	273	-	273
907855 2015 Pedestrian Access-Intersect & Ramp.	48	23	24	-	24
907966 Public Works Maint Mgmt System Project	1,347	980	367	177	189

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908064 Lifecycle Renewal Fleet - Transportation	19,737	1,656	18,081	12,503	5,578
908065 CIP150 Jeanne D'Arc Path(10th Line-Trim)	550	196	354	55	299
908117 2016 Buildings-Road Services	915	723	192	64	128
908148 2016 Rural Road Upgrades & Op Improvemnt	1,340	304	1,036	374	662
908149 2016 Guiderail Renewal/Repl/Install	500	393	107	50	57
908150 2016 Road Resurfacing - CW	28,591	24,718	3,873	3,296	577
908151 2016 Preservation Treatments	4,000	2,680	1,320	607	713
908152 2016 Scoping Pre/Post Bridges & BCulvert	1,509	798	711	89	622
908153 2016 Structures - Site-Specific	1,190	331	859	564	295
908154 2017 Minor Structural Rehab	100	-	100	-	100
908155 2016 Retaining Walls	1,000	737	263	113	150
908156 2017 Noise Barriers	100	-	100	-	100
908170 2016 Sidewalk & Curb Rehabilitation	1,982	1,675	307	315	(8)
908200 2016 Street Lighting Major Replacements	2,600	1,732	868	860	8
908201 2016 New Street Lighting	500	273	227	-	227
908202 2016 LCR Traffic Control Signals	1,398	1,302	96	2	94
908203 2016 LCR Traffic Monitoring System	350	233	117	71	46
908215 2016 Pedestrian Access-Intersect & Ramp.	75	58	17	7	10
908216 2016 Pedestrian Missing Links Studies	180	1	179	79	100
908218 2016 Area Traffic Management	650	89	561	191	369
908289 P1-15 Woodroffe (Norce to College)	75	13	62	48	14
908290 P1-34 Woodroffe (Longfields to Stoneway	175	18	157	98	59
908381 Longfields Drive (Highbury - Via Verona)	250	19	231	2	229
908400 2017 LifeCycle Renewal Parking Facilities	1,730	181	1,549	186	1,363
908401 2017 On Street Facility Modification	275	91	184	-	184
908402 2017 Parking Studies DC	243	-	243	-	243
908403 On & Off Street Parking Sys P3 Cap Pymt	1,783	-	1,783	-	1,783
908404 2017 Street Lighting Major Replacements	2,680	391	2,289	1,590	699
908405 2017 New Street Lighting	500	30	470	343	127
908406 2017 LCR Traffic Control Signals	1,498	392	1,106	1,416	(309)
908407 2017 LCR Traffic Monitoring System	350	-	350	127	223
908412 2017 Ice & Snow Control Technologies	494	51	443	-	443
908431 2017 Sidewalk & Curb Rehabilitation	2,600	1,371	1,229	628	601

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908470 2017 Buildings-Road Services	1,410	1,055	355	108	247
908477 Roads Asset Management System	1,925	-	1,925	-	1,925
908490 2017 Preservation Treatments	4,692	2,508	2,184	1,916	268
908491 2017 Resurfacing - Site Specific	200	49	151	-	151
908492 2017 Road Resurfacing - CW	34,080	9,471	24,609	18,265	6,344
908493 2017 Retaining Walls	200	26	174	52	122
908494 2017 Structures - Site-Specific	1,320	74	1,246	33	1,213
908495 2017 Structures-Scoping Pre/Post Eng	830	-	830	-	830
908529 Vanguard Dr Ext EA & Functional Design	750	-	750	-	750
908560 2017 Pedestrian Access-Intersect & Ramp.	75	-	75	-	75
908584 AirportPkwy NB WalkleyRamp Twin Bculvert	130	-	130	-	130
908596 Lemieux island Pipe Bridge SN017160	150	5	145	83	62
908610 Costello Ave Sidewalk	490	50	440	262	179
908644 2017 Pedestrian Missing Links Studies	180	-	180	-	180
908712 PTIF-Manotick Pathway (Main St-River Rd)	1,200	51	1,149	58	1,091
908713 PTIF-Multi-Use Pathway Renewal (057)	4,300	874	3,426	3,102	324
908714 PTIF-Sidewalk Renewal (058)	3,500	502	2,998	2,643	354
908735 CWWF Carp Snow Disposal Facility	10,950	0	10,950	14	10,936
908795 PTIF 011 Bicycle Shelter Tway Stations	150	4	146	28	119
908796 PTIF 012 Enclosed Bicycle parking areas	500	4	496	64	432
908797 PTIF 010Booth Bike JohnAMacDonald-Albert	2,000	18	1,982	-	1,982
908859 OR174 Emergency Road Repairs	75	71	4	25	(21)
908870 Petrie Island Causeway Rehabilitation	-	21	(21)	176	(197)
908905 Prince of Wales Drive Resurfacing	7,250	1,274	5,976	2,803	3,173
Renewal of City Assets Total	261,447	141,635	119,812	62,490	57,321
Growth					
900635 Alta Vista Corridor (Riverside-Hospital)	70,420	49,429	20,991	15,782	5,209
902997 DCA-Abbott Street	782	414	368	9	359
903164 DCA-BrianCobourn(Mer Bleue-10thLine)	3,426	3,319	107	65	42
903171 Greenbank Rd (Malvern to Strandherd)	48,299	41,659	6,640	2,225	4,415
903176 Hunt Club (Russell/Hwy 417)	58,743	54,526	4,217	836	3,382
903178 Jockvale Rd(Jock River-Prince of Wales)	17,000	15,648	1,352	455	897
903188 St Joseph Blvd (Tenth Line - Dairy Rd)	8,300	7,755	545	111	434

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903196 Campeau Dr (Huntmar to Didsbury)	38,000	3,291	34,709	272	34,437
903211 Mer Bleue Road (Innes to Navan)	10,690	9,851	839	399	441
903219 Tenth Line Rd (Innes to Harvest Valley)	15,864	13,661	2,203	1,175	1,028
903242 Chapman Mills Dr (Woodroffe-Longfields)	2,377	-	2,377	-	2,377
903601 2010 Richardson & Huntmar TCS	1,246	368	878	230	648
903891 Kanata Ave/Goulbourn Forced Rd EA/Design	11,790	10,050	1,740	37	1,704
904269 Country Club Rd (Golf Club Way)	848	81	767	273	494
904270 Terry Fox (Flamborough to Kanata)	2,500	2,089	411	27	384
904384 Maple Grove Facility Replacemnt & Expand	11,785	11,620	165	327	(162)
904385 Maple Grove SDF Relocation land & constr	9,145	5,048	4,097	518	3,579
904711 Limebank Rd (Spratt to Earl Armstrong)	5,753	5,362	391	226	165
904995 Earl Grey/Centrum Underpass	1,500	495	1,005	201	804
904996 DCA-Kanata N/S Arterial(Abbott-Fernbank)	12,175	9,653	2,521	-	2,521
905215 Trim Rd (Ott Rd 174 to Innes)	35,300	31,285	4,015	2,032	1,983
905219 Eagleson & Flewelyn 2009 New TCS	431	408	23	7	16
905394 BHBP Ext Design (Innes to Brian Coburn)	2,060	252	1,808	1,473	335
905396 2011 EA Studies Arterial Roads	2,509	1,928	581	581	-
905477 Bloomfield Yard Facility Expansion	5,417	5,041	376	445	(69)
905478 Trim Road Yard Facility Expansion	10,211	9,125	1,086	465	622
905719 Strandherd / Armstrong Bridge	56,016	71,311	(15,295)	133	(15,428)
905899 2012 Development Sidewalks	158	41	117	14	103
905920 2012 Intersection Control Measures	1,202	1,138	64	64	1
906387 Antares Yard	6,152	27	6,125	-	6,125
906420 2012 EA Studies Arterial Rds	1,000	842	158	16	142
906744 O-OTM East West Bikeway Section C	1,200	1,159	41	2	38
906746 Pre/Post Construction	191	135	56	30	26
906750 O-OTM East West Bikeway Section D	1,043	308	735	343	392
906920 Kanata South Link (Hope Side to Hwy 416)	14,700	1,147	13,553	1,349	12,204
906921 2013 Intersection Control Measures	1,989	992	997	880	117
906942 2013 Network Modification Program	4,134	4,133	1	-	1
907132 Brian Coburn (Navan to Mer Bleue)	26,933	16,505	10,428	3,125	7,303
907254 Winter Materials Storage Facility	911	181	730	6	724
907267 2014 Advanced Traffic Management Program	825	524	301	195	106

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907272 2014 Safety Improvement Program	1,585	112	1,473	68	1,405
907273 2014 Traffic Incident Management	825	61	764	-	764
907397 2014 EA Studies Arterial Rds	2,060	1,037	1,023	415	608
907402 Klondike Road (March Rd to Sand Hill Rd)	857	540	317	96	221
907404 DCA-Strandherd Dr(Fallowfield-Maravista)	9,688	9,472	215	-	215
907405 Strandherd Dr Ph2(Maravista to Jockvale)	19,373	3	19,370	-	19,370
907407 2014 Intersection Control Measures	2,040	2,040	0	-	0
907408 2014 Development Sidewalks	100	-	100	-	100
907410 2014 Major Collector Roads EA Studies	70	-	70	-	70
907444 DCA-Greenbank Rd (Cambrian - Kilbernie)	5,788	-	5,788	-	5,788
907445 DCA-Terry Fox (Flamborough to Kanata)	1,000	829	171	-	171
907447 Rideau River Ped Bridge(Donald-Somerset)	6,723	6,587	136	136	(1)
907451 2014 Network Modification Program	5,639	3,154	2,485	344	2,142
907551 DCA-Brian Coburn (Portobello-Montmere)	3,057	2,883	174	-	174
907553 DCA-Signals - Bank St at Analedea	179	-	179	-	179
907554 DCA-Roundabout Cedarview at Jockvale	611	611	0	-	0
907708 2015 Advanced Traffic Management Program	500	169	331	183	148
907712 2015 Safety Improvement Program	1,700	110	1,590	-	1,590
907713 2015 Traffic Incident Management	500	143	357	177	180
907848 2015 Cycling & Ped Major Structures Prog	2,247	-	2,247	-	2,247
907873 2015 EA Studies Arterial Rds	1,000	224	776	0	776
907874 2015 Intersection Control	1,100	376	724	57	667
907875 2015 Development Sidewalks	210	22	188	9	179
907877 2015 Transportation Demand Management	408	216	192	104	89
907878 2015 Network Modification	4,072	1,352	2,720	2,609	111
907946 2015 Frank Kenny (W) at Innes	60	54	6	1	5
908048 2016 New Traffic Control Devices	139	132	7	7	0
908049 2016 Safety Improvement Program	998	56	942	-	942
908052 2016 Intersection Control Measures	170	40	130	128	2
908053 2016 Development Sidewalks	150	15	135	-	135
908055 2016 Traffic Incident Management	125	20	105	-	105
908204 2016 Advanced Traffic management Program	125	80	45	-	45
908210 2016 EA Studies Arterial Rds	2,600	56	2,544	-	2,544

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908217 2016 Transportation Demand Management	370	179	191	93	98
908219 2016 Network Modification Program	4,110	389	3,721	1,873	1,847
908237 2017 Development Sidewalks	150	-	150	-	150
908320 2016 Apple Orchard/Parkway at Stagecoach	1,040	142	898	662	236
908321 2016 Conroy at Queensdale	75	-	75	56	19
908322 2016 River at Leitrim	75	17	58	50	8
908324 2016 PXO Projects	881	881	(0)	37	(38)
908380 Yard Facilities	310	26	284	196	88
908382 ICM BHP & Strasbourg	892	-	892	-	892
908396 George Street Plaza - ByWard Market	500	480	20	4	16
908408 2017 Advanced Traffic management Program	400	-	400	-	400
908413 2017 New Traffic Control Devices	782	28	754	78	676
908414 2017 Safety Improvement Program	1,000	86	914	95	819
908415 2017 Traffic Incident Management	400	1	399	-	399
908527 2017 EA Studies Arterial Rds	800	-	800	-	800
908561 2017 Transportation Demand Management	380	37	343	9	334
908562 2017 Network Modification Program	2,539	105	2,434	256	2,178
908668 PTIF-Cycle&Ped Links at MTO o/p (031)	2,000	85	1,915	179	1,736
908669 PTIF-Public Transit s'walk connection 51	1,550	65	1,485	814	670
908670 PTIF-Rideau R Cross-Confed-Carleton U	1,550	-	1,550	-	1,550
908673 PTIF-Heron Rd Bike Trk Colbert-Jefferson	550	98	452	322	130
908674 PTIF-Heron Rd Bike Trk HeronStn-Bank 41	650	109	541	82	459
908675 PTIF-Hunt Club Cycl Riverside-PaulBenoit	550	20	530	77	453
908676 PTIF-Kanata N cycle link Carling/MarchRd	800	79	721	92	629
908677 PTIF-Kanata N CycleLink Herzberg/MarchRd	1,050	47	1,003	129	874
908678 PTIF-Multi-Use PathW Michael-St-Laurent	200	51	149	30	120
908679 PTIF-Rural cycling routes (040)	4,050	101	3,949	1,887	2,063
908777 FEA2021-Goulbourn Forced Road	6,258	-	6,258	-	6,258
908810 2017 Huntmar Drive at Maple Grove Road	475	1	474	-	474
908811 2017 Longfields Dr & Paul Metivier Dr	150	13	137	-	137
908812 2017 PXO Projects	719	220	499	71	428
908907 2017 Barnsdale at Prince of wales	200	-	200	-	200
Growth Total	614,179	424,452	189,727	45,756	143,971

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Strategic Initiatives					
906388 2012 Area Traffic Management	2,500	2,280	220	220	(0)
907067 PTIF-Rideau Canal Crossing-Fifth - Clegg	21,000	2,006	18,994	15,785	3,210
907270 2014 Railway Crossing Signals	55	42	13	13	(0)
907398 2015-2018 Cycling Facilities Program SI	2,653	22	2,631	-	2,631
907399 2015-2018 Pedestrian Facilities Program	3,009	1,629	1,380	253	1,126
907448 2014 Pedestrian Facilities Program	750	467	283	43	241
907449 2014 Cycling Facilities Program	63	8	55	3	52
907502 Trillium Line Pathway Ph2 (Young To PoW)	1,250	1,306	(56)	-	(56)
907665 Byward Market / Sparks Street Mall Renew	500	490	10	9	1
907813 Barrhaven VIA Rail Corridor MUP	340	271	69	62	6
907847 2015-2018 Community Connectivity SI	4,205	290	3,915	-	3,915
907887 2015 TMIP Richmond Rd/Westboro	500	267	233	19	215
907892 Hospital Link Pathway	542	-	542	-	542
907903 Rideau Street Streetscaping	13,436	1,398	12,038	79	11,959
907982 Cycling Safety Program SI	315	46	269	-	269
907983 Pedestrian Safety Enhancement Prog.SI	1,140	139	1,001	141	861
907984 Traffic&Ped. Safety Enh Prog-Ward Ini.SI	4,200	2,645	1,555	118	1,437
907996 CC1 Campeau Dr (Teron Rd N - Kanata Ave)	720	355	365	176	189
907997 CC4 Ogilvie Rd. MUP	140	33	107	9	97
907998 CC5 Crossings (QED and Colonel By)	100	17	83	7	75
907999 CC7 Linkages at Confederation Line Stn	200	99	101	8	93
908001 CC13 Cycling signage & promotion	150	25	125	-	125
908002 P1-8 Nepean Trail	507	104	403	177	225
908003 P1-9 Rideau River Western MUP	1,000	417	583	439	144
908004 P1-10 Shefford MUP	2,120	231	1,889	26	1,863
908005 P1-12 Mackenzie Ave. Bike Tracks	4,197	3,843	354	73	281
908006 P1-13 O'Connor Street Bikeway Ph1	2,467	2,478	(11)	81	(92)
908007 P1-14 Trainyards-Coronation MUP	50	-	50	-	50
908008 P1-21 Hogs Back Link-Sawmill Creek Link	120	34	86	14	72
908009 P1-22 Cyrville Rd. Cycling Facilities	1,117	734	383	177	206
908010 P1-29 Ackerson Rd. to OC Trailway MUP	210	1	209	6	204
908015 S37 CHNA - Traffic Calming	32	26	6	-	6

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908050 Safer Roads Ottawa - SI	1,260	632	628	168	460
908220 2016 TMIP Richmond Rd/Westboro	500	91	409	42	367
908249 Centrum Boulevard Ext. Land Acquisition	1,810	65	1,745	6	1,740
908267 P1-13-1 O'Connor Bikeway Ph 2 Design	98	-	98	-	98
908291 CC7b Pimisi Pass Through	300	-	300	-	300
908292 CC7e Pimisi MUP Stn to Preston at Albert	50	-	50	-	50
908293 CC7c Pimisi MUP (Stn to Empress)	50	6	44	19	25
908294 CC7f Cyrville Stn (Sidewalk link-W stn)	164	-	164	-	164
908300 CC5a/b Crossing Enhance(Comiss.Pk &QEPI)	30	14	16	-	16
908301 CC5c Cross. Enhance.(ColonelBy-Corkstwn)	250	61	189	4	185
908302 CC6 McFarlane Rd Paved Shoulders	350	22	328	75	253
908303 CC12 Cedarview to Holly Acres MUP	126	40	86	0	86
908331 CC2 Cumberland Transitway Corridor MUP	885	107	778	129	649
908332 CC3 Harthill to Halley Link	125	31	94	32	61
908333 CC8 Belfast Rd Trainyards MUPenhancement	150	-	150	88	62
908334 CC10 Osgoode to Manotick Link	150	-	150	82	68
908335 CC11 Trillium MUPlink Carling-Dows Lake	150	2	148	-	148
908364 P1-9-FEA2018-Rideau River Western Path	560	-	560	-	560
908409 2017 Audible Signal Program-SI	300	197	103	-	103
908410 2017 Pedestrian Countdown Signals-SI	300	299	1	-	1
908526 Downtown Traffic Tunnel - Planning	7,500	-	7,500	-	7,500
908563 2017 TMIP Richmond Rd/Westboro	500	-	500	-	500
908627 PTIF-CC5 QED Crossing CommPark/QEPI(049)	750	582	168	82	86
908628 PTIF-Trans Orleans Pathway align Mod-53	1,000	7	993	975	18
908629 PTIF-Trillium PathPh3(Carling-Dows Lake)	550	64	486	0	486
908671 PTIF-AODA Enhancements of Intersections	2,100	11	2,089	-	2,089
908680 PTIF-McArthur Street Bike Lane (052)	350	50	300	32	268
908681 PTIF-Rideau R Path light&link thru park	1,250	358	892	474	418
908774 PTIF 039 - Rideau River Crossing	2,050	-	2,050	-	2,050
908786 P1-11 Links to P/R Trail	100	-	100	-	100
908787 P1-23 Riverside to Rodney	70	-	70	-	70
908788 P1-25 Lowertown - New Edinburgh Bikeway	80	-	80	-	80
908789 P1-33 Citywide Enhancmnts & Bike Parking	100	27	73	-	73

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908837 PTIF 047 - AODA_Mackay	100	-	100	66	34
908838 PTIF 047 - AODA_Churchill	100	-	100	-	100
908839 PTIF 047 - AODA_Colonnade	100	0	100	-	100
908850 PTIF 047 - AODA_Canotek	100	-	100	-	100
908851 PTIF 047 - AODA_Corktown	100	-	100	-	100
908853 2017-1 - McCurdy Drive Sidewalk	706	-	706	-	706
908854 2017-2 - March Road Sidewalk	785	-	785	-	785
908876 Byward Market Signature Stands	130	-	130	-	130
908994 P1-32 Enhanced Paved Shoulder Pilot Proj	120	-	120	-	120
909009 PTIF 047 - AODA_Ogilvie	400	-	400	-	400
Strategic Initiatives Total	96,237	24,370	71,867	20,212	51,656
Transportation Services Total	971,863	590,457	381,406	128,458	252,948
Grand Total	1,842,650	1,115,273	727,377	242,074	485,303