

**City of Ottawa
2020 Capital Draft Budget
All Committee, Commissions and Boards
Four Year Forecast Summary
In Thousands \$(000's)**

Project Description	2020	2021	2022	2023	Total
Agriculture & Rural Affairs Committee					
Parks, Recreation & Culture	1,803	-	595	1,208	3,606
Transportation Services	6,250	4,500	5,000	5,500	21,250
Agriculture & Rural Affairs Committee Total	8,053	4,500	5,595	6,708	24,856
Community & Protective Services Committee					
By-law & Regulatory Services	210	861	562	563	2,196
Child Care	610	310	310	310	1,540
Fire Services	8,226	11,103	3,724	16,965	40,018
Long Term Care	2,463	1,360	1,360	1,710	6,893
Paramedic Service	2,754	3,795	3,682	1,818	12,049
Parks, Buildings, & Grounds	8,250	6,000	7,000	7,000	28,250
Parks, Recreation & Culture	39,164	53,989	64,232	56,651	214,036
Security & Emergency Management	500	506	762	775	2,543
Social Services	810	310	310	310	1,740
Community & Protective Services Committee Total	62,987	78,234	81,942	86,102	309,265
Finance & Economic Development Committee					
General Government	3,275	1,725	1,725	1,725	8,450
Real Estate Partnerships & Development	500	500	500	500	2,000
Finance & Economic Development Committee Total	3,775	2,225	2,225	2,225	10,450
Ottawa Police Services Board					
Police Services	35,027	22,699	36,282	30,393	124,401
Ottawa Police Services Board Total	35,027	22,699	36,282	30,393	124,401
Ottawa Public Library Board					
Library	7,970	4,810	9,222	12,455	34,457
Ottawa Public Library Board Total	7,970	4,810	9,222	12,455	34,457
Planning Committee					
Housing Services	18,942	-	-	-	18,942
Planning & Development	2,090	900	150	200	3,340

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Project Description	2020	2021	2022	2023	Total
Planning Committee Total	21,032	900	150	200	22,282
Standing Committee on Environmental Protection, Water and Waste Management - Rate					
Drinking Water Services	72,362	52,601	73,928	79,320	278,211
Integrated Water & Wastewater	17,562	25,954	19,970	16,546	80,032
Stormwater Services	31,569	27,860	25,280	22,220	106,929
Wastewater Services	60,576	58,484	58,503	103,470	281,033
Standing Committee on Environmental Protection, Water	182,069	164,899	177,681	221,556	746,205
Standing Committee on Environmental Protection, Water and Waste Management - Tax					
Environment	5,070	3,000	3,000	3,000	14,070
Solid Waste	6,600	24,434	29,838	13,750	74,622
Standing Committee on Environmental Protection, Water	11,670	27,434	32,838	16,750	88,692
Transit Commission					
Transit Services	130,717	190,936	96,071	186,427	604,151
Transit Commission Total	130,717	190,936	96,071	186,427	604,151
Transportation Committee					
Fleet Services	29,033	21,568	35,805	27,070	113,476
Integrated Roads, Water & Wastewater	152,983	170,367	181,552	180,255	685,157
Parks, Buildings, & Grounds	-	7,796	4,950	5,050	17,796
Transit Services	14,509	66,084	119,413	11,417	211,423
Transportation Services	140,830	136,515	130,275	132,505	540,125
Transportation Committee Total	337,355	402,330	471,995	356,297	1,567,977
IT Sub-Committee					
Information Technology	13,100	10,900	7,700	9,200	40,900
IT Sub-Committee Total	13,100	10,900	7,700	9,200	40,900
Grand Total	813,756	909,867	921,701	928,313	3,573,637

City of Ottawa
2020 Reserve Continuity Forecast
In Thousands (\$000)

Reserves	2020 Opening Balance	Contributions	Transfers to Operating/Other	Transfers to Capital	Projected Closing Balance
Discretionary Reserves					
Operating					
Tax Stabilization Reserve	15,583	8,412	-5,777	0	18,218
Transit Operating Reserve	1,544	0	0	0	1,544
Employee Benefit Reserve	54,842	49,363	-49,363	0	54,842
Landfill Closure Reserve	5,670	360	0	0	6,030
	77,639	58,135	-55,140	0	80,634
Capital					
City Wide Capital Reserve	20,904	147,985	0	-154,095	14,794
Transit Capital Reserve	17,871	85,140	-3,500	-90,561	8,950
Fleet Reserve	9,048	24,673	0	-29,033	4,688
Housing Reserve	18,360	1,000	0	-11,250	8,110
Police Capital Reserve	1,580	15,456	2,000	-14,400	4,636
Police Fleet Reserve	7	4,305	0	-4,301	11
CIL - Parkland City Wide	14,675	2,000	0	-655	16,020
CIL - Parkland by Ward	31,799	3,200	0	0	34,999
Ottawa Public Health	278	200	-345	0	133
	114,521	283,959	-1,845	-304,295	92,340
Combined Operating/Capital					
Water Reserve	62,249	78,581	0	-87,177	53,653
Wastewater Reserve	13,008	63,033	0	-56,482	19,559
Stormwater Reserve	40,405	27,918	0	-49,899	18,424
Solid Waste Reserve	36	4,228	0	-6,600	-2,336
Parking Reserve	21,235	3,188	0	-4,175	20,248
Ottawa Public Library Reserve	3,252	2,309	0	-2,058	3,503
	140,185	179,257	0	-206,391	113,051
Discretionary Reserves Total	332,345	521,351	-56,985	-510,686	286,025

Reserves	2020 Opening Balance	Contributions	Transfers to Operating/Other	Transfers to Capital	Projected Closing Balance
Restricted Reserves					
Gas Tax					
Provincial	11,553	36,527	-37,975	-2,000	8,105
Federal	56,897	56,683	-9,873	-44,632	59,075
	68,450	93,210	-47,848	-46,632	67,180
Building Code					
Building Code Capital	2,858	0	0	0	2,858
Building Code Stabilization	15,079	0	0	0	15,079
Building Code Insurance Fund	6,668	0	0	0	6,668
	24,605	0	0	0	24,605
Restricted Reserves Total	93,055	93,210	-47,848	-46,632	91,785
Total City Reserves	425,400	614,561	-104,833	-557,318	377,810

*Projected closing balances reflect the commitments on Council approved capital projects however, for major projects which span a number of years only the forecasted cashflows have been applied (OLRT). ** All funds in the Tax Stabilization reserve transferred from the Child Care reserve are fully committed over the ensuing years (2016-2020) as per the Council approved Child Care Service Plan Report.

Development Charge Continuity
2020 Forecast
In Thousands (\$000)

Deferred Revenue Account	Estimated Year-end Balance	Prior Year Commitments	2020 Uncommitted Opening Balance	Development Charges	Debt Service Charges*/ Other Transfers	Capital Expenditures	Projected Uncommitted Balance
Affordable Housing	3,660		3,660	800		-3,750	710
Child Care Services	643		643				643
Emergency Medical Services	2,866	97	2,963	543		-1,800	1,706
Library Services	23,639	-3,571	20,068	2,306		-5,002	17,372
Parks Development	23,603	-6,028	17,575	2,375	-653	-4,350	14,947
Protection Services	16,023	-734	15,289	4,607	-1,819		18,078
Public Transit**	87,799		87,799	62,624	-23,141	-9,234	118,048
Recreation	84,967	-6,454	78,513	10,247	-1,000	-2,485	85,275
Roads & Related Services	202,721	-11,875	190,846	61,260	-9,108	-48,429	194,569
Sanitary Wastewater Services	68,850	-18,258	50,592	21,775	-4,477	-16,433	51,458
Storm Sewers (Stormwater Drainage)	-2,342	-623	-2,965	273			-2,692
Stormwater Management (Ponds)	17,530	1,174	18,704				18,704
Studies	5,347	-784	4,563	748		-1,073	4,238
Water Services	23,501	-4,939	18,562	9,103	-1,723	-10,662	15,280
Total	558,807	-51,996	506,811	176,663	-41,920	-103,218	538,336

*Debt Service Charges includes both Long-term Debt Service Charges and Estimated Debt Service Charges for new issues.

**Projected uncommitted closing balances reflect the commitments on Council approved capital projects however, for the Confederation Line which span a number of years only the forecasted cashflow have been applied.

City of Ottawa
2020 Draft Budget - Capital Debt Models (Tax, Rate, and Police)
In Thousands (\$000)

	2020	2021	2022	2023
Total Debt Summary				
Opening Issued Net Debt	2,590,781	2,758,434	3,041,815	3,260,851
Estimated New Issues	294,670	418,000	353,000	300,000
Principal Payments and Sinking Fund Increases	-127,017	-134,619	-133,964	-144,768
Closing Issued Net Debt	2,758,434	3,041,815	3,260,851	3,416,083
Opening Unissued Net Debt	2,055,912	1,902,817	1,682,063	1,550,797
New Authority	141,575	197,246	221,734	142,697
New Issues	-294,670	-418,000	-353,000	-300,000
Closing Unissued Net Debt	1,902,817	1,682,063	1,550,797	1,393,494
Total Debt Issued and Unissued	4,661,251	4,723,878	4,811,648	4,809,577
Debt Service Charges				
Principal	123,605	130,079	128,112	137,510
Interest	103,679	109,106	118,727	128,973
	227,284	239,185	246,839	266,483
Tax Supported				
Opening Issued Net Debt	829,160	838,294	883,994	895,486
Estimated New Issues	62,500	100,000	65,000	95,000
Principal Payments and Sinking Fund Increases	-53,366	-54,300	-53,508	-54,692
Closing Issued Net Debt	838,294	883,994	895,486	935,794
Opening Unissued Net Debt	287,416	278,907	232,414	219,415
New Authority	53,991	53,507	52,001	56,740
New Issues	-62,500	-100,000	-65,000	-95,000
Closing Unissued Net Debt	278,907	232,414	219,415	181,155
Total Debt Issued and Unissued	1,117,201	1,116,408	1,114,901	1,116,949
Debt Service Charges				
Principal	52,179	52,712	51,469	52,148
Interest	29,504	30,039	31,695	32,712
	81,683	82,751	83,164	84,860

City of Ottawa
2020 Draft Budget - Capital Debt Models (Tax, Rate, and Police)
In Thousands (\$000)

	2020	2021	2022	2023
Tax Development Charge Supported				
Opening Issued Net Debt	102,914	122,199	117,793	126,303
Estimated New Issues	25,650	0	12,600	10,000
Principal Payments and Sinking Fund Increases	-6,365	-4,406	-4,090	-5,470
Closing Issued Net Debt	122,199	117,793	126,303	130,833
Opening Unissued Net Debt	30,399	17,515	26,671	23,813
New Authority	12,766	9,156	9,742	1,553
New Issues	-25,650	0	-12,600	-10,000
Closing Unissued Net Debt	17,515	26,671	23,813	15,366
Total Debt Issued and Unissued	139,714	144,464	150,116	146,199
Debt Service Charges				
Principal	6,091	4,084	3,717	5,032
Interest	4,298	4,878	4,776	5,160
	10,389	8,962	8,493	10,192
Transit Tax Supported				
Opening Issued Net Debt	201,765	229,738	219,892	238,429
Estimated New Issues	45,000	10,000	39,000	10,000
Principal Payments and Sinking Fund Increases	-17,027	-19,846	-20,463	-22,868
Closing Issued Net Debt	229,738	219,892	238,429	225,561
Opening Unissued Net Debt	396,533	370,812	409,387	395,354
New Authority	19,279	48,575	24,967	10,430
New Issues	-45,000	-10,000	-39,000	-10,000
Closing Unissued Net Debt	370,812	409,387	395,354	395,784
Total Debt Issued and Unissued	600,550	629,279	633,783	621,345
Debt Service Charges				
Principal	16,941	19,721	20,298	22,662
Interest	7,145	7,785	7,468	8,017
	24,086	27,506	27,766	30,679

City of Ottawa
2020 Draft Budget - Capital Debt Models (Tax, Rate, and Police)
In Thousands (\$000)

	2020	2021	2022	2023
Transit Development Charge Supported				
Opening Issued Net Debt	363,576	468,920	580,307	673,834
Estimated New Issues	112,120	121,000	106,000	100,000
Principal Payments and Sinking Fund Increases	-6,776	-9,613	-12,473	-15,010
Closing Issued Net Debt	468,920	580,307	673,834	758,824
Opening Unissued Net Debt	454,400	342,280	247,509	198,082
New Authority	0	26,229	56,573	0
New Issues	-112,120	-121,000	-106,000	-100,000
Closing Unissued Net Debt	342,280	247,509	198,082	98,082
Total Debt Issued and Unissued	811,200	827,816	871,916	856,906
Debt Service Charges				
Principal	6,486	9,175	11,884	14,264
Interest	16,422	19,704	23,249	27,214
	22,908	28,879	35,133	41,478
Federal Gas Tax Supported				
Opening Issued Net Debt	106,311	124,372	136,767	157,043
Estimated New Issues	24,400	17,000	25,400	25,000
Principal Payments and Sinking Fund Increases	-6,339	-4,605	-5,124	-5,787
Closing Issued Net Debt	124,372	136,767	157,043	176,256
Opening Unissued Net Debt	262,077	237,677	220,677	195,277
New Authority	0	0	0	0
New Issues	-24,400	-17,000	-25,400	-25,000
Closing Unissued Net Debt	237,677	220,677	195,277	170,277
Total Debt Issued and Unissued	362,049	357,444	352,320	346,533
Debt Service Charges				
Principal	6,313	4,537	5,010	5,627
Interest	3,605	4,134	4,535	5,402
	9,918	8,671	9,545	11,029

City of Ottawa
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	2020	2021	2022	2023
Provincial Gas Tax Supported				
Opening Issued Net Debt	217,255	227,445	234,483	248,525
Estimated New Issues	15,000	12,000	19,000	20,000
Principal Payments and Sinking Fund Increases	-4,810	-4,962	-4,958	-5,563
Closing Issued Net Debt	227,445	234,483	248,525	262,962
Opening Unissued Net Debt	271,027	256,027	244,027	225,027
New Authority	0	0	0	0
New Issues	-15,000	-12,000	-19,000	-20,000
Closing Unissued Net Debt	256,027	244,027	225,027	205,027
Total Debt Issued and Unissued	483,472	478,510	473,552	467,989
Debt Service Charges				
Principal	4,802	4,940	4,922	5,512
Interest	12,938	13,131	13,261	13,776
	17,740	18,071	18,183	19,288
Water Rate Supported				
Opening Issued Net Debt	244,621	234,353	231,288	238,994
Estimated New Issues	0	10,000	20,000	20,000
Principal Payments and Sinking Fund Increases	-10,268	-13,065	-12,294	-13,064
Closing Issued Net Debt	234,353	231,288	238,994	245,930
Opening Unissued Net Debt	29,548	30,537	20,537	15,865
New Authority	989	0	15,328	31,654
New Issues	0	-10,000	-20,000	-20,000
Closing Unissued Net Debt	30,537	20,537	15,865	27,519
Total Debt Issued and Unissued	264,890	251,825	254,859	273,449
Debt Service Charges				
Principal	9,792	12,457	11,499	12,075
Interest	9,993	9,732	9,774	10,323
	19,785	22,189	21,273	22,398

City of Ottawa
2020 Draft Budget - Capital Debt Models (Tax, Rate, and Police)
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	2020	2021	2022	2023
Water Development Charge Supported				
Opening Issued Net Debt	12,839	11,535	10,196	11,920
Estimated New Issues		0	2,000	10,000
Principal Payments and Sinking Fund Increases	-1,304	-1,339	-276	-318
Closing Issued Net Debt	11,535	10,196	11,920	21,602
Opening Unissued Net Debt	2,579	4,495	4,495	16,753
New Authority	1,916	0	14,258	0
New Issues	0	0	-2,000	-10,000
Closing Unissued Net Debt	4,495	4,495	16,753	6,753
Total Debt Issued and Unissued	16,030	14,691	28,673	28,355
Debt Service Charges				
Principal	1,290	1,319	249	284
Interest	438	404	367	447
	1,728	1,723	616	731
Wastewater Rate Supported				
Opening Issued Net Debt	337,984	325,474	390,677	397,274
Estimated New Issues	0	80,000	20,000	0
Principal Payments and Sinking Fund Increases	-12,510	-14,797	-13,403	-14,134
Closing Issued Net Debt	325,474	390,677	397,274	383,140
Opening Unissued Net Debt	170,448	191,448	138,948	127,448
New Authority	21,000	27,500	8,500	5,000
New Issues	0	-80,000	-20,000	0
Closing Unissued Net Debt	191,448	138,948	127,448	132,448
Total Debt Issued and Unissued	516,922	529,625	524,722	515,588
Debt Service Charges				
Principal	11,865	13,936	12,278	12,737
Interest	12,502	12,356	14,689	15,375
	24,367	26,292	26,967	28,112

City of Ottawa
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	2020	2021	2022	2023
Wastewater Development Charge Supported				
Opening Issued Net Debt	68,453	70,803	69,017	74,173
Estimated New Issues	4,000	0	7,000	0
Principal Payments and Sinking Fund Increases	-1,650	-1,786	-1,844	-2,028
Closing Issued Net Debt	70,803	69,017	74,173	72,145
Opening Unissued Net Debt	19,481	15,904	17,278	11,333
New Authority	423	1,374	1,055	0
New Issues	-4,000	0	-7,000	0
Closing Unissued Net Debt	15,904	17,278	11,333	11,333
Total Debt Issued and Unissued	86,707	86,295	85,506	83,478
Debt Service Charges				
Principal	1,315	1,399	1,402	1,529
Interest	3,161	3,283	3,280	3,557
	4,476	4,682	4,682	5,086
Stormwater Rate Supported				
Opening Issued Net Debt	76,370	73,792	90,511	97,944
Estimated New Issues	0	20,000	10,000	10,000
Principal Payments and Sinking Fund Increases	-2,578	-3,281	-2,567	-2,823
Closing Issued Net Debt	73,792	90,511	97,944	105,121
Opening Unissued Net Debt	46,164	61,375	72,280	101,590
New Authority	15,211	30,905	39,310	37,320
New Issues	0	-20,000	-10,000	-10,000
Closing Unissued Net Debt	61,375	72,280	101,590	128,910
Total Debt Issued and Unissued	135,167	162,791	199,534	234,031
Debt Service Charges				
Principal	2,509	3,183	2,426	2,637
Interest	2,690	2,637	3,204	3,568
	5,199	5,820	5,630	6,205

City of Ottawa
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	2020	2021	2022	2023
Police Tax Supported				
Opening Issued Net Debt	27,936	25,509	41,166	55,950
Estimated New Issues	0	18,151	17,000	0
Principal Payments and Sinking Fund Increases	-2,427	-2,494	-2,216	-2,062
Closing Issued Net Debt	25,509	41,166	55,950	53,888
Opening Unissued Net Debt	39,991	55,991	37,840	20,840
New Authority	16,000	0	0	0
New Issues	0	-18,151	-17,000	0
Closing Unissued Net Debt	55,991	37,840	20,840	20,840
Total Debt Issued and Unissued	81,500	79,006	76,790	74,728
Debt Service Charges				
Principal	2,425	2,491	2,210	2,054
Interest	914	841	1,330	1,946
	3,339	3,332	3,540	4,000
Police Development Charge Supported				
Opening Issued Net Debt	1,597	6,000	35,724	44,976
Estimated New Issues	6,000	29,849	10,000	0
Principal Payments and Sinking Fund Increases	-1,597	-125	-748	-949
Closing Issued Net Debt	6,000	35,724	44,976	44,027
Opening Unissued Net Debt	45,849	39,849	10,000	0
New Authority	0	0	0	0
New Issues	-6,000	-29,849	-10,000	0
Closing Unissued Net Debt	39,849	10,000	0	0
Total Debt Issued and Unissued	45,849	45,724	44,976	44,027
Debt Service Charges				
Principal	1,597	125	748	949
Interest	69	182	1,099	1,476
	1,666	307	1,847	2,425